

Autumn 1	Year 10			Year 11		
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 1 (w/b Wed 7 th Sept)	Lesson 1: X Lesson 2: HSW Lesson 3: Graph skills	Lesson 1: HSW Lesson 2: Graph skills	X4 Lesson 1: HSW Lesson 2: Graph skills X5 Lesson 1 (JAD): HSW Lesson 2 (CLP): Graph skills	Lesson 1: X Lesson 2: X Lesson 3: HSW/Graph skills	Lesson 1: X Lesson 2: HSW Lesson 3: Graph skills	Lesson 1: X Lesson 2: HSW Lesson 3: Graph skills X5 Lesson 1 (LS): Graph skills Lesson 2 (CRE): HSW Lesson 3 (CRE): HSW
Key Words Level 2 Level 3	Hypothesis, Variable – independent, dependent, control, valid/validity, conclusion, evaluation, reliability, repeatability	Hypothesis, Variable – independent, dependent, control, valid/validity, conclusion, evaluation, reliability, repeatability	Hypothesis, Variable – independent, dependent, control, valid/validity, conclusion, evaluation, reliability, repeatability	Hypothesis, Variable – independent, dependent, control, valid/validity, conclusion, evaluation, reliability, repeatability	Hypothesis, Variable – independent, dependent, control, valid/validity, conclusion, evaluation, reliability, repeatability	Hypothesis, Variable – independent, dependent, control, valid/validity, conclusion, evaluation, reliability, repeatability
Common Misconceptions	Variables the wrong way around, inappropriate scales on graphs, axis the wrong way around	Variables the wrong way around, inappropriate scales on graphs, axis the wrong way around	Variables the wrong way around, inappropriate scales on graphs, axis the wrong way around	Variables the wrong way around, inappropriate scales on graphs, axis the wrong way around	Variables the wrong way around, inappropriate scales on graphs, axis the wrong way around	Variables the wrong way around, inappropriate scales on graphs, axis the wrong way around
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	Unit test wb 17 th Oct	In class 6 mark questions	In class 6 mark questions	In class 6 mark questions	Unit test wb 17 th Oct	Unit test wb 17 th Oct
Career opportunities Employment Links	LIFE SKILLS: Understanding how to analyse and interpret data EMPLOYMENT: Analytical scientist, researcher	LIFE SKILLS: Understanding how to analyse and interpret data EMPLOYMENT: Analytical scientist, researcher	LIFE SKILLS: Understanding how to analyse and interpret data EMPLOYMENT: Analytical scientist, researcher	LIFE SKILLS: Understanding how to analyse and interpret data EMPLOYMENT: Analytical scientist, researcher	LIFE SKILLS: Understanding how to analyse and interpret data EMPLOYMENT: Analytical scientist, researcher	LIFE SKILLS: Understanding how to analyse and interpret data EMPLOYMENT: Analytical scientist, researcher
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 2 (w/b 12 th Sept)	Lesson 1: 4.1.1.1 Eukaryotes and prokaryotes Lesson 2: 4.1.1.2 Animal and plant cells Lesson 3: 4.1.1.3 Cell specialisation	Lesson 1: 4.1.1.1 Eukaryotes and prokaryotes Lesson 2: 4.1.1.2 Animal and plant cells	X4 Lesson 1: 4.1.1.1 Eukaryotes and prokaryotes Lesson 2: 4.1.1.2 Animal and plant cells X5 Lesson 1 (JAD): 4.1.1.1 Eukaryotes and prokaryotes Lesson 2 (CLP): 4.1.2.1 Chromosomes	Lesson 1: 4.7.1.1 Communities Lesson 2: 4.7.1.2 Abiotic factors Lesson 3: 4.7.1.3 Biotic factors	Lesson 1: 4.7.1.1 Communities Lesson 2: 4.7.1.2 Abiotic factors Lesson 3: 4.7.1.3 Biotic factors	Lesson 1: 4.7.1.1 Communities Lesson 2: 4.7.1.2 Abiotic factors Lesson 3: 4.7.1.3 Biotic factors X5 Lesson 1 (LS): 4.7.3.1 Biodiversity Lesson 2 (CRE): 4.7.1.1 Communities Lesson 3 (CRE): 4.7.1.2 Abiotic factors
Key Words Level 2 Level 3	Identify, describe, explain, observe Eukaryotic, prokaryotic, cytoplasm, nucleus, mitochondria, ribosome, palisade, specialised, differentiated, flagella, chloroplast, chlorophyll, vacuole, membrane	Identify, describe, explain, observe Eukaryotic, prokaryotic, cytoplasm, nucleus, mitochondria, ribosome, palisade, specialised, differentiated, flagella, chloroplast, chlorophyll, vacuole, membrane	Identify, describe, explain, observe Eukaryotic, prokaryotic, cytoplasm, nucleus, mitochondria, ribosome, palisade, specialised, differentiated, flagella, chloroplast, chlorophyll, vacuole, membrane, chromosome	Identify, describe, explain Community, habitat, ecosystem, biodiversity, biotic, abiotic, niche, species	Identify, describe, explain Community, habitat, ecosystem, biodiversity, biotic, abiotic, niche, species	Identify, describe, explain Community, habitat, ecosystem, biodiversity, biotic, abiotic, niche, species

Common Misconceptions	That the nucleus is the 'brain' of the cell	That the nucleus is the 'brain' of the cell	That the nucleus is the 'brain' of the cell	Students just name 'weather' as an abiotic factor instead of being specific	Students just name 'weather' as an abiotic factor instead of being specific	Students just name 'weather' as an abiotic factor instead of being specific
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	Unit test wb 17 th Oct	In class 6 mark questions	In class 6 mark questions	In class 6 mark questions	Unit test wb 17 th Oct	Unit test wb 17 th Oct
Career opportunities Employment Links	LIFE SKILLS: Understanding the roles of different cells in the body EMPLOYMENT: Cellular biologist	LIFE SKILLS: Understanding the roles of different cells in the body EMPLOYMENT: Cellular biologist	LIFE SKILLS: Understanding the roles of different cells in the body EMPLOYMENT: Cellular biologist	LIFE SKILLS: Understanding how different factors affect biodiversity EMPLOYMENT: Ecologist, environment agency, DEFRA, farming	LIFE SKILLS: Understanding how different factors affect biodiversity EMPLOYMENT: Ecologist, environment agency, DEFRA, farming	LIFE SKILLS: Understanding how different factors affect biodiversity EMPLOYMENT: Ecologist, environment agency, DEFRA, farming
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 3 (w/b 19th Sept)	Lesson 1: 4.1.1.4 Cell differentiation Lesson 2: 4.1.1.5 Microscopy (pre-prepared cells) Lesson 3: 4.1.1.5 Microscopy (onion cell slides)	Lesson 1: 4.1.1.3 Cell specialisation Lesson 2: 4.1.1.4 Cell differentiation	X4 Lesson 1: 4.1.1.3 Cell specialisation Lesson 2: 4.1.1.4 Cell differentiation X5 Lesson 1 (JAD): 4.1.1.2 Animal and plant cells Lesson 2 (CLP): 4.1.2.2 Mitosis and the cell cycle	Lesson 1: 4.7.1.4 Adaptations (animals) Lesson 2: 4.7.1.4 Adaptations (plants) Lesson 3: Ecology practical	Lesson 1: 4.7.1.4 Adaptations (animals) Lesson 2: 4.7.1.4 Adaptations (plants) Lesson 3: Ecology practical	Lesson 1: 4.7.1.4 Adaptations (animals) Lesson 2: 4.7.1.4 Adaptations (plants) Lesson 3: Ecology practical X5 Lesson 1 (LS): 4.7.3.2 Waste management Lesson 2 (CRE): 4.7.1.3 Biotic factors Lesson 3 (CRE): 4.7.1.4 Adaptations (animals)
Key Words Level 2 Level 3	Identify, describe, explain, observe, calculate Differentiation, objective lens, focus, magnification, micrometre, resolution	Identify, describe, explain, observe Eukaryotic, prokaryotic, cytoplasm, nucleus, mitochondria, ribosome, palisade, specialised, differentiated, flagella, chloroplast, chlorophyll, vacuole, membrane	Identify, describe, explain, observe Eukaryotic, prokaryotic, cytoplasm, nucleus, mitochondria, ribosome, palisade, specialised, differentiated, flagella, chloroplast, chlorophyll, vacuole, membrane, mitosis, prophase, metaphase, anaphase, telophase, equator	Identify, describe, explain, variable, independent, dependent, control, bias, valid Structural, behavioural, functional, adaptation, quadrat, transect	Identify, describe, explain, variable, independent, dependent, control, bias, valid Structural, behavioural, functional, adaptation, quadrat, transect	Identify, describe, explain, variable, independent, dependent, control, bias, valid Structural, behavioural, functional, adaptation, quadrat, transect, biotic, abiotic, behavioural, structural, functional, adaptation
Common Misconceptions	Students often mix up cell wall and cell membrane Students often forget how to convert between mm and μm	Students often mix up cell wall and cell membrane	Students often mix up cell wall and cell membrane	The only plant with adaptations is a cactus	The only plant with adaptations is a cactus	The only plant with adaptations is a cactus
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	Unit test wb 17 th Oct	In class 6 mark questions	In class 6 mark questions	In class 6 mark questions	Unit test wb 17 th Oct	Unit test wb 17 th Oct
Career opportunities Employment Links	LIFE SKILLS: Understanding the roles of different cells in the body EMPLOYMENT: Biomedical scientist, clinical researcher	LIFE SKILLS: Understanding the roles of different cells in the body EMPLOYMENT: Biomedical scientist, clinical researcher	LIFE SKILLS: Understanding the roles of different cells in the body EMPLOYMENT: Biomedical scientist, clinical researcher	LIFE SKILLS: Understanding how different factors affect biodiversity EMPLOYMENT: Ecologist, environment agency, DEFRA, farming	LIFE SKILLS: Understanding how different factors affect biodiversity EMPLOYMENT: Ecologist, environment agency, DEFRA, farming	LIFE SKILLS: Understanding how different factors affect biodiversity EMPLOYMENT: Ecologist, environment agency, DEFRA, farming

Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodde homework	IT2: Kerboodde homework	IT2: Kerboodde homework	IT1 & IT2: Using google for research and cameras to photograph practical work for final reports	IT1 & IT2: Using google for research and cameras to photograph practical work for final reports	IT1 & IT2: Using google for research and cameras to photograph practical work for final reports	IT1 & IT2: Using google for research and cameras to photograph practical work for final reports	IT1 & IT2: Using google for research and cameras to photograph practical work for final reports
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)		
Week 4 (w/b 26th Sept)	Lesson 1: 4.1.2.1 Chromosomes Lesson 2: 4.1.2.2 Mitosis and the cell cycle Lesson 3: 4.1.2.3 Stem cells	Lesson 1: 4.1.1.5 Microscopy (pre-prepared cells) Lesson 2: 4.1.1.5 Microscopy (onion cell slides)	X4 Lesson 1: 4.1.1.5 Microscopy (pre-prepared cells) Lesson 2: 4.1.1.5 Microscopy (onion cell slides) X5 Lesson 1 (JAD): 4.1.1.3 Cell specialisation Lesson 2 (CLP): 4.1.2.3 Stem cells	Lesson 1: Ecology practical Lesson 2: 4.7.2.1 Levels of organisation Lesson 3: 4.7.2.2 How materials are cycled	Lesson 1: Ecology practical Lesson 2: 4.7.2.1 Levels of organisation Lesson 3: 4.7.2.2 How materials are cycled	Lesson 1: Ecology practical Lesson 2: 4.7.2.1 Levels of organisation Lesson 3: 4.7.2.2 How materials are cycled X5 Lesson 1 (LS): 4.7.3.3 Land use Lesson 2 (CRE): 4.7.1.4 Adaptations (plants) Lesson 3 (CRE): Ecology practical		
Key Words Level 2 Level 3	Identify, describe, explain, observe, moral, ethical Differentiation, chromosome, mitosis, prophase, metaphase, anaphase, telophase, equator, chromosome, embryonic	Identify, describe, explain, observe, calculate Objective lens, focus, magnification, micrometre, resolution	Identify, describe, explain, observe, calculate, moral, ethical Objective lens, focus, magnification, micrometre, resolution, differentiation, embryonic	Identify, describe, explain, variable, independent, dependent, control, bias, valid Structural, behavioural, functional, adaptation, quadrat, transect, nutrient, detritivore, recycle	Identify, describe, explain, variable, independent, dependent, control, bias, valid Structural, behavioural, functional, adaptation, quadrat, transect, nutrient, detritivore, recycle	Identify, describe, explain, variable, independent, dependent, control, bias, valid Structural, behavioural, functional, adaptation, quadrat, transect, nutrient, detritivore, recycle		
Common Misconceptions	That every species has the same number of chromosomes Students will often have varied views on 'when life begins'	That changing the objective lens will make the image clearer Students often forget how to convert between mm and μm	That changing the objective lens will make the image clearer Students often forget how to convert between mm and μm	That the sun is a producer	That the sun is a producer	That the sun is a producer		
Homework	Kerboodde task suitable to ability of group	Kerboodde task suitable to ability of group.	Kerboodde task suitable to ability of group.	Kerboodde task suitable to ability of group.	Kerboodde task suitable to ability of group.	Kerboodde task suitable to ability of group.		
Assessment this half-term	Unit test wb 17 th Oct	In class 6 mark questions	In class 6 mark questions	In class 6 mark questions	Unit test wb 17 th Oct	Unit test wb 17 th Oct		
Career opportunities Employment Links	LIFE SKILLS: Understanding moral and ethical implications EMPLOYMENT: Biomedical scientist, clinical researcher, stem cell therapist	LIFE SKILLS: Understanding the roles of different cells in the body EMPLOYMENT: Biomedical scientist, clinical researcher	LIFE SKILLS: Understanding the roles of different cells in the body Understanding moral and ethical implications EMPLOYMENT: Biomedical scientist, clinical researcher, stem cell therapist	LIFE SKILLS: Understanding how different factors affect biodiversity EMPLOYMENT: Ecologist, environment agency, DEFRA, farming	LIFE SKILLS: Understanding how different factors affect biodiversity EMPLOYMENT: Ecologist, environment agency, DEFRA, farming	LIFE SKILLS: Understanding how different factors affect biodiversity EMPLOYMENT: Ecologist, environment agency, DEFRA, farming		
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodde homework	IT2: Kerboodde homework	IT2: Kerboodde homework	IT1 & IT2: Using google for research and cameras to photograph practical work for final reports	IT1 & IT2: Using google for research and cameras to photograph practical work for final reports	IT1 & IT2: Using google for research and cameras to photograph practical work for final reports		

	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 5 (w/b 3rd Oct)	Lesson 1: 4.1.3.1 Diffusion Lesson 2: 4.1.3.2 Osmosis Lesson 3: 4.1.3.2 Osmosis prac	Lesson 1: 4.1.2.1 Chromosomes Lesson 2: 4.1.2.2 Mitosis and the cell cycle	X4 Lesson 1: 4.1.2.1 Chromosomes Lesson 2: 4.1.2.2 Mitosis and the cell cycle X5 Lesson 1 (JAD): 4.1.1.4 Cell differentiation Lesson 2 (CLP): 4.1.3.1 Diffusion	Lesson 1: 4.7.2.3 Decomposition Lesson 2: 4.7.2.4 Impact of environmental change Lesson 3: 4.7.3.1 Biodiversity	Lesson 1: 4.7.3.1 Biodiversity Lesson 2: 4.7.3.2 Waste management Lesson 3: 4.7.3.3 Land use	Lesson 1: 4.7.3.1 Biodiversity Lesson 2: 4.7.3.2 Waste management Lesson 3: 4.7.3.3 Land use X5 Lesson 1 (LS): 4.7.3.4 Deforestation Lesson 2 (CRE): Ecology practical Lesson 3 (CRE): 4.7.2.1 Levels of organisation
Key Words Level 2 Level 3	Identify, describe, explain, observe, calculate Diffusion, concentration gradient, partially permeable membrane, osmosis	Identify, describe, explain, observe Differentiation, chromosome, mitosis, prophase, metaphase, anaphase, telophase, equator, chromosome	Identify, describe, explain, observe Differentiation, chromosome, mitosis, prophase, metaphase, anaphase, telophase, equator, chromosome	Identify, describe, explain biodiversity, species, decomposer, detritivore	Identify, describe, explain biodiversity, species	Identify, describe, explain, variable, independent, dependent, control, bias, valid quadrat, transect, nutrient, detritivore, recycle, deforestation, trophic, biodiversity, species
Common Misconceptions	Students often forget to relate sugar or salt concentration to the water content	That every species has the same number of chromosomes	That every species has the same number of chromosomes	That decomposers only break down faeces	The % of waste that can be recycled	The % of waste that can be recycled
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	Unit test wb 17 th Oct	In class 6 mark questions	In class 6 mark questions	In class 6 mark questions	Unit test wb 17 th Oct	Unit test wb 17 th Oct
Career opportunities Employment Links	LIFE SKILLS: Understanding particles can spread EMPLOYMENT: Cellular biologist, chef	LIFE SKILLS: Understanding how cells replicate EMPLOYMENT: Geneticist	LIFE SKILLS: Understanding how cells replicate EMPLOYMENT: Geneticist	LIFE SKILLS: Understanding how to make compost and the impact of climate change EMPLOYMENT: Environment agency, DEFRA	LIFE SKILLS: Learning the different land uses EMPLOYMENT: Environment agency, DEFRA	LIFE SKILLS: Learning the different land uses EMPLOYMENT: Environment agency, DEFRA
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 6 (w/b 10th Oct)	Lesson 1: 4.1.3.3 Active transport Lesson 2: Unit review Lesson 3: Unit review	Lesson 1: 4.1.2.3 Stem cells Lesson 2: 4.1.3.1 Diffusion	X4 Lesson 1: 4.1.2.3 Stem cells Lesson 2: 4.1.3.1 Diffusion X5 Lesson 1 (JAD): 4.1.1.5 Microscopy (pre-prepared cells) Lesson 2 (CLP): 4.1.3.2 Osmosis	Lesson 1: 4.7.3.2 Waste management Lesson 2: 4.7.3.3 Land use Lesson 3: 4.7.3.4 Deforestation	Lesson 1: 4.7.3.4 Deforestation Lesson 2: 4.7.3.5 Global warming Lesson 3: 4.7.3.6 Maintaining biodiversity	Lesson 1: 4.7.3.4 Deforestation Lesson 2: 4.7.3.5 Global warming Lesson 3: 4.7.3.6 Maintaining biodiversity X5 Lesson 1 (LS): 4.7.3.5 Global warming Lesson 2 (CRE): 4.7.2.2 How materials are cycled Lesson 3 (CRE): Unit review
Key Words Level 2 Level 3	Identify, describe, explain ATP, concentration gradient, nutrient	Identify, describe, explain, observe, moral, ethical Embryonic, diffusion, concentration gradient, partially permeable membrane	Identify, describe, explain, observe, calculate, moral, ethical Embryonic, diffusion, concentration gradient, partially permeable membrane, objective lens, focus, magnification,	Identify, describe, explain, deforestation	Identify, describe, explain, deforestation, global warming, ozone, biodiversity	Identify, describe, explain, deforestation, global warming, ozone, biodiversity

			micrometre, resolution, differentiation, osmosis			
Common Misconceptions	Students forget that active transport also occurs in plants	Students will often have varied views on 'when life begins'	Students will often have varied views on 'when life begins' Students often forget to relate sugar or salt concentration to the water content That changing the objective lens will make the image clearer Students often forget how to convert between mm and μm	All trees that are cut down get replaced	Global warming is a one off phenomenon	Global warming is a one off phenomenon
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	Unit test wb 17 th Oct	In class 6 mark questions	In class 6 mark questions	In class 6 mark questions	Unit test wb 17 th Oct	Unit test wb 17 th Oct
Career opportunities Employment Links	LIFE SKILLS: Understanding how plants absorb nutrients EMPLOYMENT: Horticulturist, agriculture	LIFE SKILLS: Understanding moral and ethical viewpoints EMPLOYMENT: Geneticist	LIFE SKILLS: Understanding moral and ethical viewpoints EMPLOYMENT: Geneticist	LIFE SKILLS: Understanding the importance of forestry management EMPLOYMENT: National trust, forestry commission, Iggesund	LIFE SKILLS: Understanding the importance of forestry management EMPLOYMENT: National trust, forestry commission, Iggesund	LIFE SKILLS: Understanding the importance of forestry management EMPLOYMENT: National trust, forestry commission, Iggesund
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 7 (w/b 17th Oct)	Lesson 1: Unit test Lesson 2: Exemplars Lesson 3: Feedback	Lesson 1: 4.1.3.2 Osmosis Lesson 2: 4.1.3.2 Osmosis prac	X4 Lesson 1: 4.1.3.2 Osmosis Lesson 2: 4.1.3.2 Osmosis prac X5 Lesson 1 (JAD): 4.1.1.5 Microscopy (onion cells) Lesson 2 (CLP): 4.1.3.2 Osmosis prac	Lesson 1: 4.7.3.5 Global warming Lesson 2: 4.7.3.6 Maintaining biodiversity Lesson 3: 4.7.4.1/4.7.4.2 Trophic levels and pyramids of biomass	Lesson 1: Unit review Lesson 2: Unit test Lesson 3: Exemplars	Lesson 1: Unit review Lesson 2: Unit test Lesson 3: Exemplars X5 Lesson 1 (LS): 4.7.3.6 Maintaining biodiversity Lesson 2 (CRE): Unit test Lesson 3 (CRE): Exemplars
Key Words Level 2 Level 3	Identify, describe, explain, evaluate, calculate	Identify, describe, explain, observe, calculate Concentration gradient, partially permeable membrane, osmosis	Identify, describe, explain, observe, calculate Concentration gradient, partially permeable membrane, objective lens, focus, magnification, micrometre, resolution, differentiation, osmosis	Identify, describe, explain, global warming, ozone, biodiversity, trophic level, consumer, producer, herbivore, carnivore, biomass	Identify, describe, explain, evaluate, calculate	Identify, describe, explain, evaluate, calculate
Common Misconceptions	Identified from assessment	Students often forget to relate sugar or salt concentration to the water content	Students often forget to relate sugar or salt concentration to the water content That changing the objective lens will make the image clearer Students often forget how to convert between mm and μm	Global warming is a one off phenomenon	Identified from assessment	Identified from assessment
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.

	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 9 (w/b 7th Nov)	Lesson 1: 4.2.2.1 The human digestive system – food tests Lesson 2: 4.2.2.2 – The heart – dissection demo Lesson 3: 4.2.2.2 – Blood vessels	Lesson 1: Unit review Lesson 2: Unit test	X4 Lesson 1: Unit review Lesson 2: Unit test X5 Lesson 1 (JAD): Unit review Lesson 2 (CLP): Unit review	Mock exams	Mock exams	Mock exams
Key Words Level 2 Level 3	Identify, describe, explain Benedicts, biuret, ethanol, ventricle, atrium, artery, vein, capillary, pulmonary, vena cava, aorta, valve	Identify, evaluate, compare, explain, suggest	Identify, evaluate, compare, explain, suggest	Identify, evaluate, compare, explain, suggest Subject specific drawn out from mock exam	Identify, evaluate, compare, explain, suggest Subject specific drawn out from mock exam	Identify, evaluate, compare, explain, suggest Subject specific drawn out from mock exam
Common Misconceptions	All hearts have the same structure	Identified from assessment	Identified from assessment	Identified from exam	Identified from exam	Identified from exam
Homework	Kerboodle/Everlearner task suitable to ability of group	Kerboodle/Everlearner task suitable to ability of group.				
Assessment this half-term	w/b 5 th Dec	Unit test w/b 7 th Nov	Unit test w/b 7 th Nov	Mock exam fortnight	Mock exam fortnight	Mock exam fortnight
Career opportunities Employment Links	LIFE SKILLS: Understanding how the heart pumps blood around the body EMPLOYMENT: Dietician, personal trainer, nutritionist, cardiac specialist	LIFE SKILLS: Resilience EMPLOYMENT: Biomedical scientist, teacher, doctor, nurse, vet	LIFE SKILLS: Resilience EMPLOYMENT: Biomedical scientist, teacher, doctor, nurse, vet	LIFE SKILLS: Resilience EMPLOYMENT: Biomedical scientist, teacher, doctor, nurse, vet	LIFE SKILLS: Resilience EMPLOYMENT: Biomedical scientist, teacher, doctor, nurse, vet	LIFE SKILLS: Resilience EMPLOYMENT: Biomedical scientist, teacher, doctor, nurse, vet
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Communication Presenting Problem solving Staying positive Literacy Numeracy Independence Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork			
IT Skills	IT2: Kerboodle/Everlearner homework					
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 10 (w/b 14th Nov)	Lesson 1: 4.2.2.3 – The blood Lesson 2: 4.2.2.4 – Coronary heart disease Lesson 3: 4.2.2.5 – Health issues	Lesson 1: Exemplars Lesson 2: Feedback	X4 Lesson 1: Exemplars Lesson 2: Feedback X5 Lesson 1 (JAD): Unit test Lesson 2 (CLP): 4.2.1.1 – Principles of organisation	Lesson 1: 4.7.4.3 – Transfer of biomass Lesson 2: 4.7.5.1 – Factors affecting food security Lesson 3: 4.7.5.2 – Farming techniques	Lesson 1: 4.6.1.1 – Sexual and asexual reproduction Lesson 2: 4.6.1.2 - Meiosis Lesson 3: 4.6.1.3 – DNA and the genome	Lesson 1: 4.6.1.1 – Sexual and asexual reproduction Lesson 2: 4.6.1.2 - Meiosis Lesson 3: 4.6.1.3 – DNA and the genome X5 Lesson 1 (LS): 4.6.1.1 – Sexual and asexual reproduction Lesson 2 (CRE): 4.6.2.1 - Variation Lesson 3 (CRE): 4.6.2.2 - Evolution
Key Words Level 2 Level 3	Identify, describe, explain Plasma, platelet, haemoglobin, phagocyte, lymphocyte	Identify, evaluate, compare, explain, suggest	Identify, evaluate, compare, explain, suggest	Identify, describe, explain Biomass, energy	Identify, describe, explain Sexual, variation, inheritance, asexual, anther, pollen, sperm, chromosome, meiosis	Identify, describe, explain Sexual, variation, inheritance, asexual, anther, pollen, sperm, chromosome, meiosis
Common Misconceptions	Only diet and smoking can cause CHD	Identified from assessment	Identified from assessment	Understanding that biomass is dry mass	That masturbation is asexual reproduction	That masturbation is asexual reproduction

Homework	Kerboodle/Everlearner task suitable to ability of group	Kerboodle/Everlearner task suitable to ability of group.	Kerboodle/Everlearner task suitable to ability of group.	Kerboodle/Everlearner task suitable to ability of group.	Kerboodle/Everlearner task suitable to ability of group.	Kerboodle/Everlearner task suitable to ability of group.
Assessment this half-term	w/b 5 th Dec	6-mark question in class	6-mark question in class	Unit test w/b 28 th Nov	Unit test w/b 19 th Dec	Unit test w/b 19 th Dec
Career opportunities Employment Links	LIFE SKILLS: Understanding how the heart pumps blood around the body EMPLOYMENT: Dietician, personal trainer, nutritionist, cardiac specialist, phlebotomist	LIFE SKILLS: Resilience EMPLOYMENT: Biomedical scientist, teacher, doctor, nurse, vet	LIFE SKILLS: Resilience EMPLOYMENT: Biomedical scientist, teacher, doctor, nurse, vet	LIFE SKILLS: Understanding where our food comes from EMPLOYMENT: Factory worker, fruit picker, fisherman, farmer	LIFE SKILLS: Understanding how characteristics are inherited EMPLOYMENT: Geneticist, fertility doctor	LIFE SKILLS: Understanding how characteristics are inherited EMPLOYMENT: Geneticist, fertility doctor
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork Teamwork	Literacy Numeracy Independence Communication Teamwork	Literacy Numeracy Independence Communication Teamwork	Literacy Numeracy Independence Communication Teamwork	Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle/Everlearner homework	IT2: Kerboodle/Everlearner homework	IT2: Kerboodle/Everlearner homework	IT2: Kerboodle/Everlearner homework	IT2: Kerboodle/Everlearner homework	IT2: Kerboodle/Everlearner homework
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 11 (w/b 21st Nov)	Lesson 1: 4.2.2.6 – The effect of lifestyle on non-communicable disease Lesson 2: 4.2.2.7 – Cancer Lesson 3: 4.2.3.1 – Plant tissues	Lesson 1: 4.2.1.1 – Principles of organisation Lesson 2: 4.2.2.1 – The human digestive system – structure and function	X4 Lesson 1: 4.2.1.1 – Principles of organisation Lesson 2: 4.2.2.1 – The human digestive system – structure and function X5 Lesson 1 (JAD): Feedback Lesson 2 (CLP): 4.2.2.1 – The human digestive system – structure and function	Lesson 1: 4.7.5.3 – Sustainable fisheries Lesson 2: 4.7.5.4 – Role of biotechnology Lesson 3: Unit review	Lesson 1: 4.6.1.4 – Genetic inheritance Lesson 2: 4.6.1.5 – Inherited disorders Lesson 3: 4.6.1.6 – Sex determination	Lesson 1: 4.6.1.4 – Genetic inheritance Lesson 2: 4.6.1.5 – Inherited disorders Lesson 3: 4.6.1.6 – Sex determination X5 Lesson 1 (LS): 4.6.1.2 - Meiosis Lesson 2 (CRE): 4.6.2.3 – Selective breeding Lesson 3 (CRE): 4.6.2.4 – Genetic engineering
Key Words Level 2 Level 3	Identify, describe, explain Malignant, benign, metastasise, phloem, xylem, sieve tube	Identify, describe, explain Enzyme, amylase, protease, lipase, oesophagus, stomach, pancreas, liver, intestine, rectum, denature, optimum	Identify, describe, explain Enzyme, amylase, protease, lipase, oesophagus, stomach, pancreas, liver, intestine, rectum, denature, optimum	Identify, describe, explain Quota, sustainable, biotechnology, anaerobic	Identify, describe, explain Sexual, variation, inheritance, asexual, anther, pollen, sperm, chromosome, meiosis, genome, chromosome, inheritance, gamete, homozygous, heterozygous	Identify, describe, explain Sexual, variation, inheritance, asexual, anther, pollen, sperm, chromosome, meiosis, genome, chromosome, inheritance, gamete, homozygous, heterozygous
Common Misconceptions	All lumps are cancer	All food is digested at the same rate	All food is digested at the same rate	All countries have the same laws and legislations	That all babies have the same genetic code if they have the same parents	That all babies have the same genetic code if they have the same parents
Homework	Kerboodle/Everlearner task suitable to ability of group	Kerboodle/Everlearner task suitable to ability of group.	Kerboodle/Everlearner task suitable to ability of group.	Kerboodle/Everlearner task suitable to ability of group.	Kerboodle/Everlearner task suitable to ability of group.	Kerboodle/Everlearner task suitable to ability of group.
Assessment this half-term	w/b 5 th Dec	6 mark question in class	6 mark question in class	Unit test w/b 28 th Nov	Unit test w/b 19 th Dec	Unit test w/b 19 th Dec
Career opportunities Employment Links	LIFE SKILLS: Understanding how cancer can develop and be treated EMPLOYMENT: Cancer nurse, palliative care, hospice worker, researcher	LIFE SKILLS: Understanding how different food groups are digested EMPLOYMENT: Dietician, personal trainer, nutritionist	LIFE SKILLS: Understanding how different food groups are digested EMPLOYMENT: Dietician, personal trainer, nutritionist	LIFE SKILLS: Understanding where our food comes from EMPLOYMENT: Factory worker, fruit picker, fisherman, farmer	LIFE SKILLS: Understanding how different species reproduce EMPLOYMENT: Fertility doctor	LIFE SKILLS: Understanding how different species reproduce EMPLOYMENT: Fertility doctor
Employability Skills	Aiming high Creativity Leadership Listening	Literacy Numeracy Independence Communication	Literacy Numeracy Independence Communication	Literacy Numeracy Independence Communication	Literacy Numeracy Independence Communication	Literacy Numeracy Independence Communication

	Presenting Teamwork Problem solving Staying positive	Communication Presenting Teamwork Problem solving Staying positive	Presenting Teamwork Problem solving Staying positive	Presenting Teamwork Problem solving Staying positive	Presenting Teamwork Problem solving Staying positive	Presenting Teamwork Problem solving Staying positive
IT Skills	IT2: Kerboodle/Everlearner homework	IT2: Kerboodle/Everlearner homework	IT2: Kerboodle/Everlearner homework	IT2: Kerboodle/Everlearner homework	IT2: Kerboodle/Everlearner homework	IT2: Kerboodle/Everlearner homework
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 12 (w/b 28th Nov)	Lesson 1: 4.2.3.2 – Plant organ systems Lesson 2: Unit review Lesson 3: Unit review	Lesson 1: 4.2.2.1 – The human digestive system – enzymes Lesson 2: 4.2.2.1 – The human digestive system – food tests	X4 Lesson 1: 4.2.2.1 – The human digestive system – enzymes Lesson 2: 4.2.2.1 – The human digestive system – food tests X5 Lesson 1 (JAD): 4.2.2.2 – The heart – dissection demo Lesson 2 (CLP): 4.2.2.1 – The human digestive system – enzymes	Lesson 1: Unit test Lesson 2: Exemplars Lesson 3: Feedback	Lesson 1: 4.6.2.1 - Variation Lesson 2: 4.6.2.2 - Evolution Lesson 3: 4.6.2.3 – Selective breeding	Lesson 1: 4.6.2.1 - Variation Lesson 2: 4.6.2.2 - Evolution Lesson 3: 4.6.2.3 – Selective breeding X5 Lesson 1 (LS): 4.6.1.3 – DNA and the genome Lesson 2 (CRE): 4.6.3.1 – Evidence for evolution Lesson 3 (CRE): 4.6.3.2 - Fossils
Key Words Level 2 Level 3	Identify, describe, explain phloem, xylem, sieve tube	Identify, describe, explain Enzyme, amylase, protease, lipase, oesophagus, stomach, pancreas, liver, intestine, rectum, denature, optimum Benedicts, biuret, ethanol	Identify, describe, explain Enzyme, amylase, protease, lipase, oesophagus, stomach, pancreas, liver, intestine, rectum, denature, optimum Benedicts, biuret, ethanol	Identify, evaluate, compare, explain, suggest	Identify, describe, explain Darwin, Lamarck, survival, favourable, inherited, fertile,	Identify, describe, explain Darwin, Lamarck, survival, favourable, inherited, fertile,
Common Misconceptions	Plants don't have organs (pupils sometimes believe organs are hearts and lungs)	The hotter it is, the faster the reaction Cold temperatures denature enzymes	The hotter it is, the faster the reaction Cold temperatures denature enzymes	Identified from assessment	Selective breeding and IVF are the same thing Evolution doesn't exist	Selective breeding and IVF are the same thing Evolution doesn't exist
Homework	Kerboodle/Everlearner task suitable to ability of group	Kerboodle/Everlearner task suitable to ability of group.	Kerboodle/Everlearner task suitable to ability of group.	Kerboodle/Everlearner task suitable to ability of group.	Kerboodle/Everlearner task suitable to ability of group.	Kerboodle/Everlearner task suitable to ability of group.
Assessment this half-term	w/b 5 th Dec	6 mark question in class	6 mark question in class	6 mark question in class	Unit test w/b 19 th Dec	Unit test w/b 19 th Dec
Career opportunities Employment Links	LIFE SKILLS: Understanding how plants get their nutrients EMPLOYMENT: Horticulturist, farmer	LIFE SKILLS: Understanding how different food groups are digested EMPLOYMENT: Dietician, personal trainer, nutritionist	LIFE SKILLS: Understanding how different food groups are digested EMPLOYMENT: Dietician, personal trainer, nutritionist	LIFE SKILLS: Resilience EMPLOYMENT: Biomedical scientist, teacher, doctor, nurse, vet	LIFE SKILLS: Understanding how characteristics are inherited EMPLOYMENT: Geneticist	LIFE SKILLS: Understanding how characteristics are inherited EMPLOYMENT: Geneticist
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Literacy Numeracy Independence Communication Teamwork	Literacy Numeracy Independence Communication Teamwork	Literacy Numeracy Independence Communication Teamwork	Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle/Everlearner homework	IT2: Kerboodle/Everlearner homework	IT2: Kerboodle/Everlearner homework	IT2: Kerboodle/Everlearner homework	IT2: Kerboodle/Everlearner homework	IT2: Kerboodle/Everlearner homework
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 13 (w/b 5th Dec)	Lesson 1: Unit test Lesson 2: Exemplars Lesson 3: Feedback	Lesson 1: 4.2.2.2 – The heart – dissection demo Lesson 2: 4.2.2.2 – Blood vessels	X4 Lesson 1: 4.2.2.2 – The heart – dissection demo Lesson 2: 4.2.2.2 – Blood vessels X5	Lesson 1: 4.6.1.1 – Sexual and asexual reproduction Lesson 2: 4.6.1.2 – Meiosis Lesson 3: 4.6.1.3 – Advantages and disadvantages of asexual reproduction	Lesson 1: 4.6.2.4 – Genetic engineering Lesson 2: 4.6.3.1 – Evidence for evolution Lesson 3: 4.6.3.2 - Fossils	Lesson 1: 4.6.2.4 – Genetic engineering Lesson 2: 4.6.3.1 – Evidence for evolution Lesson 3: 4.6.3.2 - Fossils X5

			Lesson 1 (JAD): 4.2.2.2 – Blood vessels Lesson 2 (CLP): 4.2.2.1 – The human digestive system – food tests			Lesson 1 (LS): 4.6.1.4 – Genetic inheritance Lesson 2 (CRE): 4.6.3.3 - Extinction Lesson 3 (CRE): 4.6.3.4 – Resistant bacteria
Key Words Level 2 Level 3	Identify, evaluate, compare, explain, suggest	Identify, describe, explain ventricle, atrium, artery, vein, capillary, pulmonary, vena cava, aorta, valve	Identify, describe, explain Benedicts, biuret, ethanol, ventricle, atrium, artery, vein, capillary, pulmonary, vena cava, aorta, valve	Identify, describe, explain Sexual, asexual, meiosis, chromosome, prophase, metaphase, anaphase, telophase	Identify, describe, explain Fossil, sedimentary, extinction, natural selection, favourable, reproduce, plasmid	Identify, describe, explain Fossil, sedimentary, extinction, natural selection, favourable, reproduce, plasmid
Common Misconceptions	Identified from assessment	All hearts have the same structure	All hearts have the same structure	That masturbation is asexual reproduction	Evolution doesn't exist	Evolution doesn't exist
Homework	Kerboodle/Everlearner task suitable to ability of group	Kerboodle/Everlearner task suitable to ability of group.				
Assessment this half-term	Unit test w/b 5 th Dec	6-mark question in class	6-mark question in class	6-mark question in class	Unit test w/b 19 th Dec	Unit test w/b 19 th Dec
Career opportunities Employment Links	LIFE SKILLS: Resilience EMPLOYMENT: Biomedical scientist, teacher, doctor, nurse, vet	LIFE SKILLS: Understanding how the heart pumps blood around the body EMPLOYMENT: Dietician, personal trainer, nutritionist, cardiac specialist	LIFE SKILLS: Understanding how the heart pumps blood around the body EMPLOYMENT: Dietician, personal trainer, nutritionist, cardiac specialist	LIFE SKILLS: Understanding how our cells replicate EMPLOYMENT: Geneticist	LIFE SKILLS: Understanding how fossils are formed EMPLOYMENT: Evolutionary biologist	LIFE SKILLS: Understanding how fossils are formed EMPLOYMENT: Evolutionary biologist
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Communication Presenting Problem solving Staying positive Literacy Numeracy Independence Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork			
IT Skills	IT2: Kerboodle/Everlearner homework					
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 14 (w/b 12th Dec)	Lesson 1: 4.3.1.1 – Communicable disease Lesson 2: 4.3.1.2 – Viral disease Lesson 3: 4.3.1.3 – Bacterial disease	Lesson 1: 4.2.2.3 – The blood Lesson 2: 4.2.2.4 – Coronary heart disease	X4 Lesson 1: 4.2.2.3 – The blood Lesson 2: 4.2.2.4 – Coronary heart disease X5 Lesson 1 (JAD): 4.2.2.3 – The blood Lesson 2 (CLP): 4.2.3.1 – Plant tissues	Lesson 1: 4.6.1.4 – DNA and the genome Lesson 2: 4.6.1.5 – DNA structure Lesson 3: 4.6.1.6 – Genetic inheritance	Lesson 1: 4.6.3.3 - Extinction Lesson 2: 4.6.3.4 – Resistant bacteria Lesson 3: 4.6.4 – Classification of organisms	Lesson 1: 4.6.3.3 - Extinction Lesson 2: 4.6.3.4 – Resistant bacteria Lesson 3: 4.6.4 – Classification of organisms X5 Lesson 1 (LS): 4.6.1.5 Inherited disorders & sex determination Lesson 2 (CRE): 4.6.4 - Classification Lesson 3 (CRE): Unit review
Key Words Level 2 Level 3	Identify, describe, explain Infectious, contagious, bacteriophage	Identify, describe, explain Plasma, platelet, haemoglobin, phagocyte, lymphocyte	Identify, describe, explain Plasma, platelet, haemoglobin, phagocyte, lymphocyte, phloem, xylem, sieve tube	Identify, describe, explain Genome, nucleotide, inheritance, heterozygous, homozygous, dominant, recessive	Identify, describe, explain Extinction, evolution, kingdom, phylum, class, order, family, genus, species	Identify, describe, explain Extinction, evolution, kingdom, phylum, class, order, family, genus, species, inheritance, heterozygous, homozygous, dominant, recessive
Common Misconceptions	That all bacteria are harmful	That only diet and smoking can cause CHD	That only diet and smoking can cause CHD	Every species has the same number of chromosomes	That any species can breed together	That any species can breed together
Homework	Kerboodle/Everlearner task suitable to ability of group	Kerboodle/Everlearner task suitable to ability of group.				
Assessment this half-term	6 mark question in class	Unit test w/b 19 th Dec	Unit test w/b 19 th Dec			

Spring 1	Year 10			Year 11		
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 16 (w/b Wed 4 th Jan)	Lesson 1: Autumn term review Lesson 2: Autumn term review Lesson 3: Autumn term review	Lesson 1: Autumn term review Lesson 2: Autumn term review	X4 Lesson 1: Autumn term review Lesson 2: Autumn term review X5 Lesson 1 (JAD): Autumn term review Lesson 2 (CLP): Autumn term review	Lesson 1: Autumn term review Lesson 2: Autumn term review Lesson 3: Autumn term review	Lesson 1: Autumn term review Lesson 2: Autumn term review Lesson 3: Autumn term review	Lesson 1: Autumn term review Lesson 2: Autumn term review Lesson 3: Autumn term review
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate					
Common Misconceptions	Identified through active questioning					
Homework	Kerboodle and Everlearner task suitable to ability of group	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.
Assessment this half-term	Unit test w/b 6 th Feb	Unit test w/b 23 rd Jan	Unit test w/b 23 rd Jan	Mock exams w/b 9 th Jan and 16 th Jan Unit test w/b 6 th Feb	Mock exams w/b 9 th Jan and 16 th Jan Unit test w/b 6 th Feb	Mock exams w/b 9 th Jan and 16 th Jan Unit test w/b 30 th Jan
Career opportunities Employment Links	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist					
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork					
IT Skills	IT2: Kerboodle and Everlearner homework tasks					
Notes	Uneven start to term so all classes to complete review of key areas from Autumn term					
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 17 (w/b 9 th Jan)	Lesson 1: 4.3.1.7 – Vaccination Lesson 2: 4.3.1.7 – Vaccination Lesson 3: 4.3.1.8 – Antibiotics and painkillers	Lesson 1: 4.2.2.7 - Cancer Lesson 2: 4.2.3.1 – Plant tissues	X4 Lesson 1: 4.2.2.7 - Cancer Lesson 2: 4.2.3.1 – Plant tissues X5 Lesson 1 (JAD): 4.2.2.5 – Health issues Lesson 2 (CLP): 4.2.2.7 - Cancer	Lesson 1: 4.6.2.1 – Variation Lesson 2: 4.6.3.1 – The theory of Evolution Lesson 3: 4.6.3.4 – Evidence for evolution	Lesson 1: 4.5.1.1 - Homeostasis Lesson 2: 4.5.2 – The human nervous system Lesson 3: 4.5.2 – The human nervous system	Lesson 1: 4.5.1.1 - Homeostasis Lesson 2: 4.5.2 – The human nervous system Lesson 3: 4.5.2 – The human nervous system
Key Words Level 2 Level 3	Identify, describe, explain Pathogen, antigen, antibody, immunity, specific, lymphocyte, antibiotic	Identify, describe, explain Malignant, benign, tumour, metastasise, phloem, xylem	Identify, describe, explain Malignant, benign, tumour, metastasise, phloem, xylem	Identify, describe, explain	Identify, describe, explain Homeostasis, thermoregulation, synapse, neurone, diffuse, receptor, effector, gland, muscle	Identify, describe, explain Homeostasis, thermoregulation, synapse, neurone, diffuse, receptor, effector, gland, muscle
Common Misconceptions	Anti vaxxers	All tumours are cancer	All tumours are cancer	That evolution is a quick process	That internal temperature changes in the same way as external temperatures	That internal temperature changes in the same way as external temperatures
Homework	Kerboodle and Everlearner task suitable to ability of group	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.

	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 19 (w/b 23rd Jan)	Lesson 1: Section review Lesson 2: 4.3.2.1 Producing monoclonal antibodies Lesson 3: 4.3.2.1 – Uses of monoclonal antibodies	Lesson 1: Unit test Lesson 2: Exemplars	X4 Lesson 1: Unit test Lesson 2: Exemplars X5 Lesson 1 (JAD): Unit test Lesson 2 (CLP): Exemplars	Lesson 1: 4.6.3.2 - Speciation Lesson 2: 4.6.3.3 – The understanding of genetics Lesson 3: 4.6.3.5 - Fossils	Lesson 1: 4.5.3.4 – Contraception Lesson 2: 4.5.3.5 – Using hormones to treat infertility Lesson 3: 4.5.3.5 – Using hormones to treat infertility	Lesson 1: 4.5.3.4 – Contraception Lesson 2: Unit review Lesson 3: Unit review
Key Words Level 2 Level 3	Identify, describe, explain Monoclonal antibody, hybridoma	Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate Species, speciation, sedimentary, fossil	Identify, describe, explain Oestrogen, progesterone, testosterone, condom, IUD, hormone, barrier	Identify, describe, explain, compare, evaluate Condom, IUD, hormone, barrier
Common Misconceptions	That monoclonal antibodies are found naturally in the body	Identified from unit test	Identified from unit test	Fossils are skin and remains found in any rock	All contraception is 100% effective	All contraception is 100% effective
Homework	Kerboodle and Everlearner task suitable to ability of group	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.
Assessment this half-term	Unit test w/b 6 th Feb	Unit test w/b 23 rd Jan	Unit test w/b 23 rd Jan	Unit test w/b 6 th Feb	Unit test w/b 6 th Feb	Unit test w/b 30 th Jan
Career opportunities Employment Links	LIFE SKILLS: Understanding how pregnancy tests work EMPLOYMENT: Virologist, pharmacist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Understanding how fossils help support theories EMPLOYMENT: Archaeologist	LIFE SKILLS: Understanding the role of contraception EMPLOYMENT: Sexual health nurse	LIFE SKILLS: Understanding the role of contraception EMPLOYMENT: Sexual health nurse
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle and Everlearner homework tasks	IT2: Kerboodle and Everlearner homework tasks	IT2: Kerboodle and Everlearner homework tasks	IT2: Kerboodle and Everlearner homework tasks	IT2: Kerboodle and Everlearner homework tasks	IT2: Kerboodle and Everlearner homework tasks
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 20 (w/b 30th Jan)	Lesson 1: 4.3.3.1 – Detection and identification of plant diseases Lesson 2: 4.3.3.1 – Detection and identification of plant diseases Lesson 3: 4.3.3.2 – Plant defence responses	Lesson 1: Feedback Lesson 2: Feedback	X4 Lesson 1: Feedback Lesson 2: Feedback X5 Lesson 1 (JAD): Feedback Lesson 2 (CLP): Feedback	Lesson 1: 4.6.3.6 - Extinction Lesson 2: 4.6.3.7 – Resistant bacteria Lesson 3: 4.6.4 – Classification of organisms	Lesson 1: 4.5.3.6 – Negative feedback Lesson 2: Unit review Lesson 3: Unit review	Lesson 1: Unit assessment Lesson 2: Exemplars Lesson 3: Feedback
Key Words Level 2 Level 3	Identify, describe, explain Tobacco mosaic virus, rose black spot, chlorophyll, chloroplast	Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate	Identify, describe, explain Kingdom, phylum, class, order, family, genus, species, extinction	Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate
Common Misconceptions	That plant diseases are all fungal	Identified from unit test	Identified from unit test	Extinction is only caused by extreme events e.g. meteors	Negative feedback has a negative impact	Identified from unit test
Homework	Kerboodle and Everlearner task suitable to ability of group	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.
Assessment this half-term	Unit test w/b 6 th Feb	6 mark in class question	6 mark in class question	Unit test w/b 6 th Feb	Unit test w/b 6 th Feb	Unit test w/b 30 th Jan
Career opportunities Employment Links	LIFE SKILLS: Recognising when plants are unhealthy	LIFE SKILLS: Resilience and organisation	LIFE SKILLS: Resilience and organisation	LIFE SKILLS: That resistant bacteria are only found in hospitals (MRSA)	LIFE SKILLS: Resilience and organisation	LIFE SKILLS: Resilience and organisation

	EMPLOYMENT: Horticulturist, virologist	EMPLOYMENT: Research scientist	EMPLOYMENT: Research scientist	EMPLOYMENT: Virologist, nurse, health care worker	EMPLOYMENT: Research scientist	EMPLOYMENT: Research scientist
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication
IT Skills	IT2: Kerboodle and Everlearner homework tasks	IT2: Kerboodle and Everlearner homework tasks	IT2: Kerboodle and Everlearner homework tasks	IT2: Kerboodle and Everlearner homework tasks	IT2: Kerboodle and Everlearner homework tasks	IT2: Kerboodle and Everlearner homework tasks
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 21 (w/b 6th Feb)	Lesson 1: Practical – growing microbes & aseptic techniques Lesson 2: Practical – growing microbes & aseptic techniques Lesson 3: Practical – growing microbes & aseptic techniques	Lesson 1: 4.3.1.1 – Communicable disease Lesson 2: 4.3.1.2 – Viral disease	Lesson 1: 4.3.1.1 – Communicable disease Lesson 2: 4.3.1.2 – Viral disease X5 Lesson 1 (JAD): 4.3.1.1 – Communicable disease Lesson 2 (CLP): 4.3.1.6 – Human defence systems (primary)	Lesson 1: Unit review Lesson 2: Unit assessment Lesson 3: Exemplars	Lesson 1: Unit assessment Lesson 2: Exemplars Lesson 3: Feedback	Lesson 1: Mock exam exemplars Lesson 2: Mock exam exemplars Lesson 3: Mock exam feedback
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate	Identify, describe, explain Communicable, transmit, direct contact, indirect contact, susceptible	Identify, describe, explain Communicable, transmit, direct contact, indirect contact, susceptible	Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate
Common Misconceptions	Identified from unit test	Bacteria and virus affect the body in the same way	Bacteria and virus affect the body in the same way	Identified from unit test	Identified from unit test	Identified from mock exam
Homework	Kerboodle and Everlearner task suitable to ability of group	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.
Assessment this half-term	Unit test w/b 6 th Feb	6 mark in class question	6 mark in class question	Unit test w/b 6 th Feb	Unit test w/b 6 th Feb	6 mark in class question
Career opportunities Employment Links	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Understanding how disease can spread EMPLOYMENT: Virologist, phlebotomist, nurse	LIFE SKILLS: Understanding how disease can spread EMPLOYMENT: Virologist, phlebotomist, nurse	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication
IT Skills	IT2: Kerboodle and Everlearner homework tasks	IT2: Kerboodle and Everlearner homework tasks	IT2: Kerboodle and Everlearner homework tasks	IT2: Kerboodle and Everlearner homework tasks	IT2: Kerboodle and Everlearner homework tasks	IT2: Kerboodle and Everlearner homework tasks
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 22 (w/b 13th Feb)	Lesson 1: Unit review Lesson 2: Unit review Lesson 3: Unit test	Lesson 1: 4.3.1.3 – Bacterial diseases Lesson 2: 4.3.1.4 – Fungal diseases	Lesson 1: 4.3.1.3 – Bacterial diseases Lesson 2: 4.3.1.4 – Fungal diseases X5 Lesson 1 (JAD): 4.3.1.2 – Viral disease Lesson 2 (CLP): 4.3.1.6 – Human defence systems (secondary)	Lesson 1: Feedback Lesson 2: Mock exam exemplars Lesson 3: Mock exam feedback	Lesson 1: Mock exam exemplars Lesson 2: Mock exam exemplars Lesson 3: Mock exam feedback	Lesson 1: 4.4.1.1 – Photosynthesis reaction Lesson 2: 4.4.1.2 – Rate of photosynthesis Lesson 3: 4.4.1.3 – Uses of glucose from photosynthesis

Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate	Identify, describe, explain Bacteria, flagella, capsid, hyphae, replication	Identify, describe, explain Bacteria, flagella, capsid, hyphae, replication	Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate Photosynthesis, chloroplast, chlorophyll, limiting factor, light intensity, chloroplast
Common Misconceptions	Identified in unit assessment	Fungal diseases means mushrooms grow	Fungal diseases means mushrooms grow	Identified in mock exam	Identified in mock exam	Plants only use glucose for growth
Homework	Kerboodle and Everlearner task suitable to ability of group	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.	Kerboodle and Everlearner task suitable to ability of group.
Assessment this half-term	6 mark in class question					
Career opportunities Employment Links	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Understanding how disease can spread EMPLOYMENT: Virologist, phlebotomist, nurse	LIFE SKILLS: Understanding how disease can spread EMPLOYMENT: Virologist, phlebotomist, nurse	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Understanding how plants grow EMPLOYMENT: Horticulture, agriculture, farming
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork					
IT Skills	IT2: Kerboodle and Everlearner homework tasks					

Spring 2	Year 10			Year 11		
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 23 (w/b 27th Feb)	Lesson 1: Exemplars Lesson 2: Feedback Lesson 3: Feedback	Lesson 1: 4.3.1.5 – Protist diseases Lesson 2: 4.3.1.6 – Human defence systems (primary)	X4 Lesson 1: 4.3.1.5 – Protist diseases Lesson 2: 4.3.1.6 – Human defence systems (primary) X5 Lesson 1 (JAD): 4.3.1.3 – Bacterial diseases Lesson 2 (CLP): 4.3.1.7 - Vaccination	Lesson 1: 4.5.1.1 - Homeostasis Lesson 2: 4.5.2.1 – Structure and function of the nervous system Lesson 3: 4.5.2.2 – The brain	Lesson 1: 4.4.1.1 – Photosynthetic reaction Lesson 2: 4.4.1.2 – Rate of photosynthesis Lesson 3: 4.4.1.2 – Rate of photosynthesis	Lesson 1: 4.4.2.1 – Aerobic and anaerobic respiration Lesson 2: 4.4.2.2 – Response to exercise Lesson 3: 4.4.2.2 – Response to exercise (practical)
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate Protist, skin, goblet cell, epithelial cell, mucous, white blood cell, lymphocyte, phagocyte, antibody, antigen, pathogen	Identify, describe, explain, compare, evaluate Protist, skin, goblet cell, epithelial cell, mucous, white blood cell, lymphocyte, phagocyte, antibody, antigen, pathogen	Identify, describe, explain, compare, evaluate Homeostasis, sensory, relay, motor, neurone, synapse, receptor, effector, response	Identify, describe, explain, compare, evaluate Photosynthesis, chloroplast, chlorophyll, limiting factor, independent variable, dependent variable, control variable, reproducibility, validity	Identify, describe, explain, compare, evaluate Aerobic, anaerobic, lactic acid, ethanol, respiration, heart rate, breathing rate
Common Misconceptions	Identified from assessment	Only the skin is a primary defence	Only the skin is a primary defence	All responses are unconscious	Only light affects the rate of photosynthesis	People only 'do' aerobic respiration
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	6 mark in class question & photosynthesis practical write up	Unit test w/b 27 th Mar	Unit test w/b 27 th Mar	Unit test w/b 27 th Mar	6 mark in class question & photosynthesis practical write up	Unit test w/b 6 th Mar
Career opportunities Employment Links	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Understanding how diseases spread and how to prevent them	LIFE SKILLS: Understanding how diseases spread and how to prevent them	LIFE SKILLS: Understanding how the nervous system works EMPLOYMENT: Physiotherapist	LIFE SKILLS: Understanding the conditions needed for plant growth	LIFE SKILLS: Understanding why you get cramp during exercise EMPLOYMENT: Physiotherapist, personal trainer

		EMPLOYMENT: Virologist, pharmacist, doctor, GP, nurse, healthcare worker	EMPLOYMENT: Virologist, pharmacist, doctor, GP, nurse, healthcare worker		EMPLOYMENT: Horticulture, agriculture, botanist	
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 24 (w/b 6th Mar)	Lesson 1: 4.4.1.1 – Photosynthetic reaction Lesson 2: 4.4.1.2 – Rate of photosynthesis Lesson 3: 4.4.1.2 – Rate of photosynthesis - practical	Lesson 1: 4.3.1.6 – Human defence systems (secondary) Lesson 2: 4.3.1.7 - Vaccination	X4 Lesson 1: 4.3.1.6 – Human defence systems (secondary) Lesson 2: 4.3.1.7 - Vaccination X5 Lesson 1 (JAD): 4.3.1.4 – Fungal diseases Lesson 2 (CLP): 4.3.1.7 Vaccination	Lesson 1: 4.5.2.3 – The eye Lesson 2: 4.5.2.3 – The eye Lesson 3: 4.5.2.4 – Control of body temperature	Lesson 1: 4.4.1.3 – Use of glucose from photosynthesis Lesson 2: 4.4.2.1 – Aerobic and anaerobic respiration Lesson 3: 4.4.2.2 – Response to exercise	Lesson 1: 4.4.2.3 - Metabolism Lesson 2: Unit review Lesson 3: Unit assessment
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate Photosynthesis, chloroplast, chlorophyll, limiting factor, independent variable, dependent variable, control variable, reproducibility, validity	Identify, describe, explain, compare, evaluate White blood cell, lymphocyte, phagocyte, antibody, antigen, pathogen, vaccination, immunity	Identify, describe, explain, compare, evaluate White blood cell, lymphocyte, phagocyte, antibody, antigen, pathogen, vaccination, immunity	Identify, describe, explain, compare, evaluate Myopia, hyperopia, concave, convex, sclera, pupil, suspensory ligaments, retina, optic nerve, impulse	Identify, describe, explain, compare, evaluate Aerobic, anaerobic, lactic acid, ethanol, respiration, heart rate, breathing rate	Identify, describe, explain, compare, evaluate Metabolism, metabolite
Common Misconceptions	Only light affects the rate of photosynthesis	Anti vaxxers	Anti vaxxers	That the pupil is a black dot	People only 'do' aerobic respiration	Identified from assessment
Homework	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	6 mark in class question & photosynthesis practical write up	Unit test w/b 27 th Mar	Unit test w/b 27 th Mar	Unit test w/b 27 th Mar	6 mark in class question & photosynthesis practical write up	Unit test w/b 6 th Mar
Career opportunities Employment Links	LIFE SKILLS: Understanding the conditions needed for plant growth EMPLOYMENT: Horticulture, agriculture, botanist	LIFE SKILLS: Understanding the role of vaccinations EMPLOYMENT: Virologist, GP, immunologist	LIFE SKILLS: Understanding the role of vaccinations EMPLOYMENT: Virologist, GP, immunologist	LIFE SKILLS: Understanding how poor vision is corrected EMPLOYMENT: Optometrist	LIFE SKILLS: Understanding why you get cramp during exercise EMPLOYMENT: Physiotherapist, personal trainer	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 25 (w/b 13th Mar)	Lesson 1: 4.4.1.2 – Rate of photosynthesis - practical Lesson 2: 4.4.1.2 – Rate of photosynthesis - practical	Lesson 1: 4.3.1.7 - Vaccination Lesson 2: 4.3.1.8 – Antibiotics and painkillers	X4 Lesson 1: 4.3.1.7 - Vaccination Lesson 2: 4.3.1.8 – Antibiotics and painkillers	Lesson 1: 4.5.3.1 – Human endocrine system Lesson 2: 4.5.3.2 – Controlling blood glucose	Lesson 1: 4.4.2.2 – Response to exercise (practical) Lesson 2: 4.4.2.3 - Metabolism Lesson 3: Unit review	Lesson 1: Exemplars Lesson 2: Feedback Lesson 3: Feedback

	Lesson 3: 4.4.1.2 – Rate of photosynthesis - practical		X5 Lesson 1 (JAD): 4.3.1.5 – Protist diseases Lesson 2 (CLP): 4.3.1.8 – Antibiotics and painkillers	Lesson 3: 4.5.3.3 – Maintaining water and nitrogen balance in the body		
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate Photosynthesis, chloroplast, chlorophyll, limiting factor, independent variable, dependent variable, control variable, reproducibility, validity	Identify, describe, explain, compare, evaluate White blood cell, lymphocyte, phagocyte, antibody, antigen, pathogen, vaccination, immunity, antibiotic, penicillin	Identify, describe, explain, compare, evaluate White blood cell, lymphocyte, phagocyte, antibody, antigen, pathogen, vaccination, immunity, antibiotic, penicillin	Identify, describe, explain, compare, evaluate Hormone, insulin, glucagon, glycogen, pancreas, osmoregulation, dialysis	Identify, describe, explain, compare, evaluate Aerobic, anaerobic, lactic acid, ethanol, respiration, heart rate, breathing rate, metabolism, metabolite	Identify, describe, explain, compare, evaluate
Common Misconceptions	Only light affects the rate of photosynthesis	Anti vaxxers	Anti vaxxers	That all overweight people will have Type 2 diabetes	Everyones metabolism is the same	Identified from assessment
Homework	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	6 mark in class question & photosynthesis practical write up	Unit test w/b 27 th Mar	Unit test w/b 27 th Mar	Unit test w/b 27 th Mar	6 mark in class question & photosynthesis practical write up	6 mark in class question
Career opportunities Employment Links	LIFE SKILLS: Understanding the conditions needed for plant growth EMPLOYMENT: Horticulture, agriculture, botanist	LIFE SKILLS: Understanding the role of vaccinations EMPLOYMENT: Virologist, GP, immunologist	LIFE SKILLS: Understanding the role of vaccinations EMPLOYMENT: Virologist, GP, immunologist	LIFE SKILLS: Understanding how water levels are controlled in the body EMPLOYMENT: Urologist, dialysis nurse	LIFE SKILLS: Understanding how the body responds to exercise EMPLOYMENT: Personal trainer, dietician	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 26 (w/b 20th Mar)	Lesson 1: 4.4.1.2 – Rate of photosynthesis - practical Lesson 2: 4.4.1.3 – Uses of glucose from photosynthesis Lesson 3: Photosynthesis review	Lesson 1: 4.3.1.9 – Discovery and development of drugs Lesson 2: Unit review	X4 Lesson 1: 4.3.1.9 – Discovery and development of drugs Lesson 2: Unit review X5 Lesson 1 (JAD): 4.3.1.9 – Discovery and development of drugs Lesson 2 (CLP): Unit review	Lesson 1: 4.5.3.4 – Hormones in human reproduction Lesson 2: 4.5.3.5 - Contraception Lesson 3: 4.5.3.6 – Using hormones to treat infertility	Lesson 1: Unit assessment Lesson 2: Exemplars Lesson 3: Feedback	Lesson 1: 4.1.1 – cell structure recap Lesson 2: 4.1.2 – cell division recap Lesson 3: 4.1.3 – transport in cells recap
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate Photosynthesis, chloroplast, chlorophyll, limiting factor, independent variable, dependent variable, control variable, reproducibility, validity	Identify, describe, explain, compare, evaluate Blind trial, efficacy, toxicity, immunity, antibiotic, penicillin	Identify, describe, explain, compare, evaluate Blind trial, efficacy, toxicity, immunity, antibiotic, penicillin	Identify, describe, explain, compare, evaluate Infertility, oestrogen, progesterone, testosterone, FSH, LH, menstrual cycle, condom, IUD, hormone, secrete	Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate
Common Misconceptions	Only light affects the rate of photosynthesis	Drugs are quick to develop	Drugs are quick to develop	All contraceptive is effective	Identified in assessment	Identified in active questioning
Homework	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	6 mark in class question & photosynthesis practical write up	Unit test w/b 27 th Mar	Unit test w/b 27 th Mar	Unit test w/b 27 th Mar	6 mark in class question & photosynthesis practical write up	6 mark in class question

Summer 1	Year 10			Year 11		
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 28 (w/b 17 th Apr)	Lesson 1: 4.4.2.2 – Response to exercise Lesson 2: 4.4.2.2 – Response to exercise – practical Lesson 3: 4.4.2.3 - Metabolism	Lesson 1: 4.4.1.1 – Photosynthetic reaction Lesson 2: 4.4.2.2 – Rate of photosynthesis	X4 Lesson 1: 4.4.1.1 – Photosynthetic reaction Lesson 2: 4.4.2.2 – Rate of photosynthesis X5 Lesson 1 (JAD): 4.4.1.1 – Photosynthetic reaction Lesson 2 (CLP): 4.4.2.1 – Aerobic and anaerobic respiration	Lesson 1: 4.1.1 – cell structure recap Lesson 2: 4.1.2 – cell division recap Lesson 3: 4.1.3 – transport in cells recap	Lesson 1: 4.2.1 – Principles of organisation recap Lesson 2: 4.2.2 – Animal tissue, organs and organ systems recap Lesson 3: 4.2.2 – Animal tissue, organs and organ systems recap	Lesson 1: 4.3.1 – Communicable diseases recap Lesson 2: 4.3.1 – Communicable diseases recap (defences) Lesson 3: 4.3.1 – Communicable diseases recap (development of drugs)
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate Heart rate, breathing, haemoglobin, diffusion, alveoli, capillary, pulmonary artery, pulmonary vein, aorta, vena cava	Identify, describe, explain, compare, evaluate Photosynthesis, chloroplast, chlorophyll, limiting factor, independent variable, dependent variable, control variable, reproducibility, validity	Identify, describe, explain, compare, evaluate Photosynthesis, chloroplast, chlorophyll, limiting factor, independent variable, dependent variable, control variable, reproducibility, validity	Identify, describe, explain, compare, evaluate Linked directly to specific unit section	Identify, describe, explain, compare, evaluate Linked directly to specific unit section	Identify, describe, explain, compare, evaluate Linked directly to specific unit section
Common Misconceptions	Everyones metabolism is the same	Only light affects the rate of photosynthesis	Only light affects the rate of photosynthesis	Identified during active questioning and modelling	Identified during active questioning and modelling	Identified during active questioning and modelling
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	Unit test w/b 24 th Apr	6 mark in class question & photosynthesis practical write up	6 mark in class question & photosynthesis practical write up	Paper 1 external exam – date TBC	Paper 1 external exam – date TBC	Paper 1 external exam – date TBC
Career opportunities Employment Links	LIFE SKILLS: Understanding how exercise affects the body EMPLOYMENT: Physiotherapist, personal trainer, sports coach, PE teacher	LIFE SKILLS: Understanding the conditions needed for plant growth EMPLOYMENT: Horticulture, agriculture, botanist	LIFE SKILLS: Understanding the conditions needed for plant growth EMPLOYMENT: Horticulture, agriculture, botanist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 29 (w/b 24 th Apr)	Lesson 1: Unit test Lesson 2: Exemplars Lesson 3: Feedback	Lesson 1: 4.4.2.2 – Rate of photosynthesis investigation Lesson 2: 4.4.2.2 – Rate of photosynthesis investigation	X4 Lesson 1: 4.4.2.2 – Rate of photosynthesis investigation Lesson 2: 4.4.2.2 – Rate of photosynthesis investigation X5 Lesson 1 (JAD): 4.4.2.2 – Rate of photosynthesis Lesson 2 (CLP): .4.2.1 – Aerobic and anaerobic respiration	Lesson 1: 4.2.1 – Principles of organisation recap Lesson 2: 4.2.2 – Animal tissue, organs and organ systems recap Lesson 3: 4.2.2 – Animal tissue, organs and organ systems recap	Lesson 1: 4.3.1 – Communicable diseases recap Lesson 2: 4.3.1 – Communicable diseases recap (defences) Lesson 3: 4.3.1 – Communicable diseases recap (development of drugs)	Lesson 1: 4.4.1 – Photosynthesis recap Lesson 2: 4.4.2 – Respiration recap Lesson 3: 4.4.1/2 – Practicals for photosynthesis and respiration recap
Key Words Level 2 Level 3		Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate

		Photosynthesis, chloroplast, chlorophyll, limiting factor, independent variable, dependent variable, control variable, reproducibility, validity	Photosynthesis, chloroplast, chlorophyll, limiting factor, independent variable, dependent variable, control variable, reproducibility, validity	Linked directly to specific unit section	Linked directly to specific unit section	Linked directly to specific unit section
Common Misconceptions	Identified from assessment	Only light affects the rate of photosynthesis	Only light affects the rate of photosynthesis	Identified during active questioning and modelling	Identified during active questioning and modelling	Identified during active questioning and modelling
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	Unit test w/b 24 th Apr	6 mark in class question & photosynthesis practical write up	6 mark in class question & photosynthesis practical write up	Paper 1 external exam – date TBC	Paper 1 external exam – date TBC	Paper 1 external exam – date TBC
Career opportunities Employment Links	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Understanding the conditions needed for plant growth EMPLOYMENT: Horticulture, agriculture, botanist	LIFE SKILLS: Understanding the conditions needed for plant growth EMPLOYMENT: Horticulture, agriculture, botanist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 30 (w/b Tues 2nd May)	Lesson 1: 4.5.1.1 – Homeostasis Lesson 2: 4.5.2.1 – Structure and function of the nervous system Lesson 3: 4.5.2.1 – Structure and function of the nervous system: Ruler drop test practical	Lesson 1: 4.4.2.2 – Rate of photosynthesis investigation Lesson 2: 4.4.2.2 – Rate of photosynthesis investigation	X4 Lesson 1: 4.4.2.2 – Rate of photosynthesis investigation Lesson 2: 4.4.2.2 – Rate of photosynthesis investigation X5 Lesson 1 (JAD): 4.4.2.2 – Rate of photosynthesis investigation Lesson 2 (CLP): 4.4.2.1 – Aerobic and anaerobic respiration – uses in industry	Lesson 1: 4.3.1 – Communicable diseases recap Lesson 2: 4.3.2 – Monoclonal antibodies recap Lesson 3: 4.3.3 Plant disease recap	Lesson 1: 4.4.1 – Photosynthesis recap Lesson 2: 4.4.2 – Respiration recap Lesson 3: 4.4.1/2 – Practicals for photosynthesis and respiration recap	Lesson 1: 4.5.1 – Homeostasis (incl. thermoregulation) recap Lesson 2: 4.5.2 – Nervous system recap Lesson 3: 4.5.3 – Hormonal communication recap
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate Homeostasis, synapse, sensory, motor, relay, neurone, impulse, diffusion, receptor, effector, reflex, unconscious	Identify, describe, explain, compare, evaluate Photosynthesis, chloroplast, chlorophyll, limiting factor, independent variable, dependent variable, control variable, reproducibility, validity	Identify, describe, explain, compare, evaluate Photosynthesis, chloroplast, chlorophyll, limiting factor, independent variable, dependent variable, control variable, reproducibility, validity	Identify, describe, explain, compare, evaluate Linked directly to specific unit section	Identify, describe, explain, compare, evaluate Linked directly to specific unit section	Identify, describe, explain, compare, evaluate Linked directly to specific unit section
Common Misconceptions	That brain injury automatically means death	Only light affects the rate of photosynthesis	Only light affects the rate of photosynthesis	Identified during active questioning and modelling	Identified during active questioning and modelling	Identified during active questioning and modelling
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	6 mark in class question	6 mark in class question & photosynthesis practical write up	6 mark in class question & photosynthesis practical write up	Paper 1 external exam – date TBC	Paper 1 external exam – date TBC	Paper 1 external exam – date TBC
Career opportunities Employment Links	LIFE SKILLS: Understanding reflex actions EMPLOYMENT: Physiotherapist, neuro surgeon	LIFE SKILLS: Understanding the conditions needed for plant growth EMPLOYMENT: Horticulture, agriculture, botanist	LIFE SKILLS: Understanding the conditions needed for plant growth EMPLOYMENT: Horticulture, agriculture, botanist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist

Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)		
Week 31 (w/b 8th May)	Lesson 1: 4.5.2.2 – The brain Lesson 2: 4.5.2.3 – The eye (structure & accommodation) Lesson 3: 4.5.2.3 – The eye (myopia and hyperopia)	Lesson 1: 4.4.1.3 – Uses of glucose from photosynthesis Lesson 2: 4.4.2.1 – Aerobic and anaerobic respiration	X4 Lesson 1: 4.4.1.3 – Uses of glucose from photosynthesis Lesson 2: 4.4.2.1 – Aerobic and anaerobic respiration X5 Lesson 1 (JAD): 4.4.2.2 – Rate of photosynthesis investigation Lesson 2 (CLP): Lesson 1: 4.4.2.2 – Response to exercise	Lesson 1: 4.4.1 – Photosynthesis recap Lesson 2: 4.4.2 – Respiration recap Lesson 3: 4.4.1/2 – Practicals for photosynthesis and respiration recap	Lesson 1: 4.5.1 – Homeostasis (incl. thermoregulation) recap Lesson 2: 4.5.2 – Nervous system recap Lesson 3: 4.5.3 – Hormonal communication (incl. infertility treatments & negative feedback) recap	Lesson 1: 4.6.1 – Reproduction recap Lesson 2: 4.6.2 – Variation and evolution recap Lesson 3: 4.6.3 – Understanding genetics recap		
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate Synapse, sensory, motor, relay, neurone, impulse, diffusion, receptor, effector, cerebrum, cerebellum, medulla, hypothalamus, myopia, hyperopia, accommodation, sclera, retina, optic nerve, suspensory ligament	Identify, describe, explain, compare, evaluate Aerobic, anaerobic, lactic acid, ethanol, respiration	Identify, describe, explain, compare, evaluate Aerobic, anaerobic, lactic acid, ethanol, respiration	Identify, describe, explain, compare, evaluate Linked directly to specific unit section	Identify, describe, explain, compare, evaluate Linked directly to specific unit section	Identify, describe, explain, compare, evaluate Linked directly to specific unit section		
Common Misconceptions	That the pupil is a black dot	All products of anaerobic respiration are the same	All products of anaerobic respiration are the same	Identified during active questioning and modelling	Identified during active questioning and modelling	Identified during active questioning and modelling		
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.		
Assessment this half-term	6 mark in class questions	6 mark in class question & photosynthesis practical write up	6 mark in class question & photosynthesis practical write up	Paper 1 external exam – date TBC	Paper 1 external exam – date TBC	Paper 1 external exam – date TBC		
Career opportunities Employment Links	LIFE SKILLS: Understanding how poor vision is corrected EMPLOYMENT: Optometrist	LIFE SKILLS: Understanding how yoghurt and bread is made EMPLOYMENT: Brewer, baker	LIFE SKILLS: Understanding how yoghurt and bread is made EMPLOYMENT: Brewer, baker	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist		
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks		
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)		
Week 32 (w/b 15th May)	Lesson 1: 4.5.2.4 – Control of body temperature Lesson 2: Section review Lesson 3: Section assessment	Lesson 1: 4.4.2.1 – Aerobic and anaerobic respiration Lesson 2: 4.4.2.1 – Aerobic and anaerobic respiration – uses in industry	X4 Lesson 1: 4.4.2.1 – Aerobic and anaerobic respiration Lesson 2: : 4.4.2.1 – Aerobic and anaerobic respiration – uses in industry	Lesson 1: 4.5.1 – Homeostasis recap Lesson 2: 4.5.2 – Nervous system recap Lesson 3: 4.5.3 – Hormonal communication recap	Lesson 1: 4.6.1 – Reproduction recap Lesson 2: 4.6.2 – Variation and evolution recap Lesson 3: 4.6.3 – Understanding genetics recap	Lesson 1: 4.6.4 – Classification of organisms recap Lesson 2: 4.7.1 – Adaptations recap Lesson 3: 4.7.2 – Organisation of ecosystem recap		

			X5 Lesson 1 (JAD): 4.4.2.2 – Rate of photosynthesis investigation Lesson 2 (CLP): Lesson 1: 4.4.2.2 – Response to exercise			
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate Synapse, sensory, motor, relay, neurone, impulse, diffusion, receptor, effector, cerebrum, cerebellum, medulla, hypothalamus, myopia, hyperopia, accommodation, sclera, retina, optic nerve, suspensory ligament	Identify, describe, explain, compare, evaluate Aerobic, anaerobic, lactic acid, ethanol, respiration	Identify, describe, explain, compare, evaluate Aerobic, anaerobic, lactic acid, ethanol, respiration	Identify, describe, explain, compare, evaluate Linked directly to specific unit section	Identify, describe, explain, compare, evaluate Linked directly to specific unit section	Identify, describe, explain, compare, evaluate Linked directly to specific unit section
Common Misconceptions	Identified in assessment	All products of anaerobic respiration are the same	All products of anaerobic respiration are the same	Identified during active questioning and modelling	Identified during active questioning and modelling	Identified during active questioning and modelling
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	6 mark in class questions	6 mark in class question & photosynthesis practical write up	6 mark in class question & photosynthesis practical write up	Paper 1 external exam – date TBC	Paper 1 external exam – date TBC	Paper 1 external exam – date TBC
Career opportunities Employment Links	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Understanding how yoghurt and bread is made EMPLOYMENT: Brewer, baker	LIFE SKILLS: Understanding how yoghurt and bread is made EMPLOYMENT: Brewer, baker	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 33 (w/b 22nd May)	Lesson 1: Exemplars Lesson 2: Feedback Lesson 3: Feedback	Lesson 1: 4.4.2.2 – Response to exercise Lesson 2: 4.4.2.2 – Response to exercise – practical	X4 Lesson 1: 4.4.2.2 – Response to exercise Lesson 2: 4.4.2.2 – Response to exercise – practical X5 Lesson 1 (JAD): 4.4.2.2 – Rate of photosynthesis investigation Lesson 2 (CLP): 4.4.2.3 - Metabolism	Lesson 1: 4.5.4 – Plant hormones recap Lesson 2: 4.6.1 – Reproduction recap Lesson 3: 4.6.2 – Variation and evolution recap	Lesson 1: 4.6.4 – Classification of organisms recap Lesson 2: 4.7.1 – Adaptations recap Lesson 3: 4.7.2 – Organisation of ecosystem recap	Lesson 1: 4.7.3 – Biodiversity and human interactions on ecosystem recap Lesson 2: Practise exam questions Lesson 3: Practise exam questions
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate Heart rate, breathing, haemoglobin, diffusion, alveoli, capillary, pulmonary artery, pulmonary vein, aorta, vena cava	Identify, describe, explain, compare, evaluate Heart rate, breathing, haemoglobin, diffusion, alveoli, capillary, pulmonary artery, pulmonary vein, aorta, vena cava	Identify, describe, explain, compare, evaluate Linked directly to specific unit section	Identify, describe, explain, compare, evaluate Linked directly to specific unit section	Identify, describe, explain, compare, evaluate Linked directly to specific unit section
Common Misconceptions	Identified from assessment	Everyones heart rate changes the same in response to exercise	Everyones heart rate changes the same in response to exercise	Identified during active questioning and modelling	Identified during active questioning and modelling	Identified during active questioning and modelling
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	6 mark in class questions	6 mark in class questions	6 mark in class questions	Paper 1 external exam – date TBC	Paper 1 external exam – date TBC	Paper 1 external exam – date TBC

Career opportunities Employment Links	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Understanding how exercise affects the body EMPLOYMENT: Physiotherapist, personal trainer, sports coach, PE teacher	LIFE SKILLS: Understanding how exercise affects the body EMPLOYMENT: Physiotherapist, personal trainer, sports coach, PE teacher	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks	IT2: Kerboodle and Everlearner homeworks

Summer 2	Year 10			Year 11		
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 34 (w/b 5th Jun)	Lesson 1: Review unit 1 for mock exam Lesson 2: Review unit 2 for mock exam Lesson 3: Review unit 3 for mock exam	Lesson 1: 4.4.2.3 - Metabolism Lesson 2: Section review	X4 Lesson 1: 4.4.2.3 - Metabolism Lesson 2: Section review X5 Lesson 1 (JAD): 4.4.1.3 – Uses of glucose from photosynthesis Lesson 2 (CLP): Section review	Lesson 1: 4.6.3/4 – Development of genetics and evolution/classification recap Lesson 2: 4.7.1 – Adaptations recap Lesson 3: 4.7.2 Organisation recap	Lesson 1: Required practicals recap Lesson 2: Required practicals recap Lesson 3: Required practicals recap	Lesson 1: Required practicals recap Lesson 2: Required practicals recap Lesson 3: Required practicals recap
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 1-4	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 1-4	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 1-4	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 5-8	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 5-8	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 5-8
Common Misconceptions	Identified from active questioning	Identified from active questioning	Identified from active questioning	Identified from active questioning	Identified from active questioning	Identified from active questioning
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	Paper 1 mock exam w/b 19 th & 26 th June	Paper 1 mock exam w/b 19 th & 26 th June	Paper 1 mock exam w/b 19 th & 26 th June	Paper 2 external exam – date TBC	Paper 2 external exam – date TBC	Paper 2 external exam – date TBC
Career opportunities Employment Links	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience & organisation EMPLOYMENT: www.rsb.org.uk/careers-and-cpd/careers	LIFE SKILLS: Resilience & organisation EMPLOYMENT: www.rsb.org.uk/careers-and-cpd/careers	LIFE SKILLS: Resilience & organisation EMPLOYMENT: www.rsb.org.uk/careers-and-cpd/careers
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Independence Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework
Notes				Peak exam season so lesson attendance may be sporadic due to students in scheduled exams		

	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 35 (w/b 12th Jun)	Lesson 1: Review unit 4 for mock exam Lesson 2: Review practicals for mock exam Lesson 3: Review practicals for mock exam	Lesson 1: Review unit 1 & 2 for mock exam Lesson 2: Review unit 3 & 4 for mock exam	X4 Lesson 1: Review unit 1 & 2 for mock exam Lesson 2: Review unit 3 & 4 for mock exam X5 Lesson 1 (JAD): Review unit 1 & 2 for mock exam Lesson 2 (CLP): Review unit 3 & 4 for mock exam	Lesson 1: 4.7.3 – Biodiversity recap Lesson 2: 4.7.4 – Trophic levels recap Lesson 3: 4.7.5 – Food production recap	Lesson 1: Required practicals recap Lesson 2: Required practicals recap Lesson 3: Required practicals recap	Lesson 1: Required practicals recap Lesson 2: Required practicals recap Lesson 3: Required practicals recap
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 1-4	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 1-4	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 1-4	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 5-8	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 5-8	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 5-8
Common Misconceptions	Identified from active questioning	Identified from active questioning	Identified from active questioning	Identified from active questioning	Identified from active questioning	Identified from active questioning
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	Paper 1 mock exam w/b 19 th & 26 th June	Paper 1 mock exam w/b 19 th & 26 th June	Paper 1 mock exam w/b 19 th & 26 th June	Paper 2 external exam – date TBC	Paper 2 external exam – date TBC	Paper 2 external exam – date TBC
Career opportunities Employment Links	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience & organisation EMPLOYMENT: www.rsb.org.uk/careers-and-cpd/careers	LIFE SKILLS: Resilience & organisation EMPLOYMENT: www.rsb.org.uk/careers-and-cpd/careers	LIFE SKILLS: Resilience & organisation EMPLOYMENT: www.rsb.org.uk/careers-and-cpd/careers
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Independence Presenting Problem solving Staying positive Literacy Numeracy Listening Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework
Notes	Peak exam season so lesson attendance may be sporadic due to students in scheduled exams					
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 36 (w/b 19th Jun)	Lesson 1: Mock exams Lesson 2: Mock exams Lesson 3: Mock exams	Lesson 1: Mock exams Lesson 2: Mock exams	X4 Lesson 1: Mock exams Lesson 2: Mock exams X5 Lesson 1 (JAD): Mock exams Lesson 2 (CLP): Mock exams			
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 1-4	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 1-4	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 1-4			
Common Misconceptions	Identified from active questioning	Identified from active questioning	Identified from active questioning			
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.			

Assessment this half-term	Paper 1 mock exam w/b 19 th & 26 th June	Paper 1 mock exam w/b 19 th & 26 th June	Paper 1 mock exam w/b 19 th & 26 th June			
Career opportunities Employment Links	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher			
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork			
IT Skills	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework			
Notes	Mock exam fortnight so lesson attendance may be sporadic due to students in scheduled exams					
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 37 (w/b 26th Jun)	Lesson 1: Mock exams Lesson 2: Mock exams Lesson 3: Mock exams	Lesson 1: Mock exams Lesson 2: Mock exams	X4 Lesson 1: Mock exams Lesson 2: Mock exams X5 Lesson 1 (JAD): Mock exams Lesson 2 (CLP): Mock exams			
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 1-4	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 1-4	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 1-4			
Common Misconceptions	Identified from active questioning	Identified from active questioning	Identified from active questioning			
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.			
Assessment this half-term	Paper 1 mock exam w/b 19 th & 26 th June	Paper 1 mock exam w/b 19 th & 26 th June	Paper 1 mock exam w/b 19 th & 26 th June			
Career opportunities Employment Links	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher			
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork			
IT Skills	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework			
Notes	Mock exam fortnight so lesson attendance may be sporadic due to students in scheduled exams					
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 38 (w/b 3rd July)	Work experience	Work experience	Work experience			

Key Words						
Level 2						
Level 3						
Common Misconceptions						
Homework						
Assessment this half-term						
Career opportunities Employment Links						
Employability Skills						
IT Skills						
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 39 (w/b 10th July)	Lesson 1: Exemplars from mock Lesson 2: Exemplars from mock Lesson 3: Feedback	Lesson 1: Exemplars from mock Lesson 2: Exemplars from mock	X4 Lesson 1: Exemplars from mock Lesson 2: Exemplars from mock X5 Lesson 1 (JAD): Exemplars from mock Lesson 2 (CLP): Exemplars from mock			
Key Words	Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate			
Level 2	Subject specific keywords directly linked to units 1-4	Subject specific keywords directly linked to units 1-4	Subject specific keywords directly linked to units 1-4			
Level 3						
Common Misconceptions	Identified from mock	Identified from mock	Identified from mock			
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.			
Assessment this half-term	6 mark in class questions	6 mark in class questions	6 mark in class questions			
Career opportunities Employment Links	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher			
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework			
	X1 (Triple)	X2/X3 (Combined Higher)	X4/5 (Combined Foundation)	X1 (Triple)	X2 (Combined Higher)	X3/X4/X5 (Combined Foundation)
Week 40 (w/b 17th July)	Lesson 1: Feedback Lesson 2: Feedback Lesson 3: Feedback	Lesson 1: Feedback Lesson 2: Feedback	X4 Lesson 1: Feedback Lesson 2: Feedback X5 Lesson 1 (JAD): Feedback Lesson 2 (CLP): Feedback			

Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 1-4	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 1-4	Identify, describe, explain, compare, evaluate Subject specific keywords directly linked to units 1-4
Common Misconceptions	Identified from mock	Identified from mock	Identified from mock
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	6 mark in class questions	6 mark in class questions	6 mark in class questions
Career opportunities Employment Links	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience and organisation EMPLOYMENT: Research scientist, science teacher
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework	IT2: Kerboodle & Everlearner homework