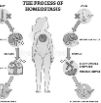
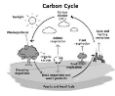


Netherhall School

LEARNING ROADMAP



U7. Ecology

U7. Nutrient Cycles

U6. Inheritance

U6. Fossils

U5. The Brain

U5. Thermoregulation

U7. Communities

U6. Cloning

U6. DNA

U5. The Eye

U5. Controlling Glucose

U5. Homeostasis

GCSE

U7. Biotic & Abiotic Factors

U6. Evolution

U5. Plant Hormones

U5. Urinary System

U7. Decomposition U6. Selective Breeding U5. The Nervous System

Y11

U1. Cell Structure

U1. Cell Transport

U3. Pathogens

U3. Human Defence Systems

U1. Specialised Cells

U1. Stem Cells

U3. Drug Development

U3. Plant Diseases

U1. Microscopy

U4. Metabolism

Y10

U2. The heart

U2. Digestive System

U2. Respiratory System

U4. Photosynthesis

U4. Respiration



Variation Within Species

Natural selection

Extinction

Evolution

Inheritance

Charles Darwin

Anaerobic Respiration

Exercise

Aerobic Respiration

Photosynthesis



Factors Affecting Photosynthesis



Breathing

Drugs

Alcohol

Smoking

Classification

Genetic Variation



Gas Exchange

Drugs

Smoking

Environmental Variation

Puberty & Menstrual Cycle

Building on KS2 knowledge about evolution and inheritance, plants and their requirements for life and how living things change over time

Y9

Y8

Building on KS2 knowledge about animal life cycles, the digestive system, nutrition and human development

Energy in Food

Digestive System

Food Tests

Pregnancy & Birth

Male & Female Reproductive Systems



Healthy Eating

Enzymes

Animal Reproduction



Pollination

Muscles and Joints

Diffusion



Ecosystems

Muscles and Joints

Specialised Cells

Seed Dispersal

Food Webs

The Skeleton

Cells



Ecology



Food Chains



Microscopy



BIOLOGY

Y7

Building on KS2 knowledge about the human body, flowering plants and animals in the environment