

Key Stage 3 Learning Journey



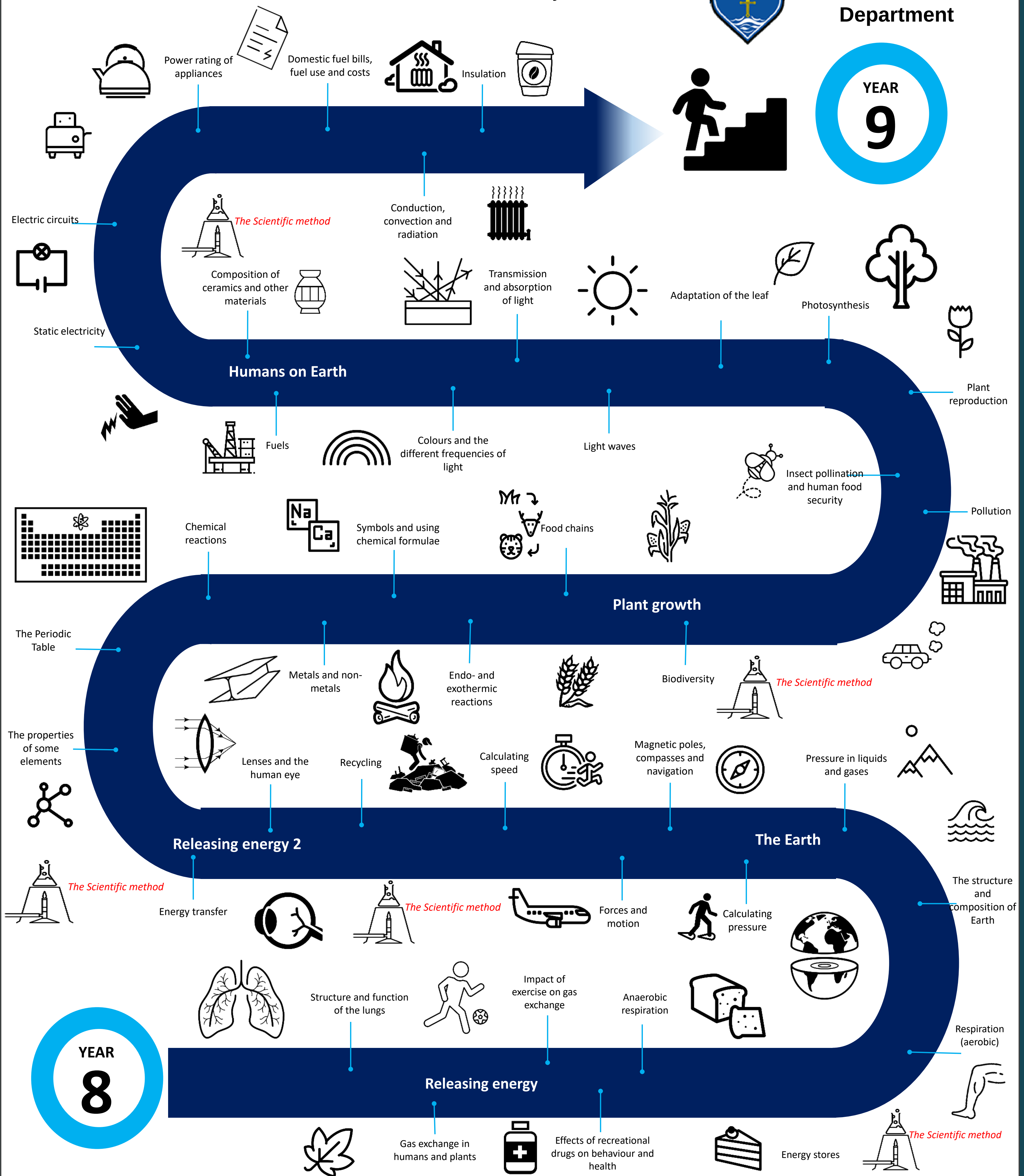
KING ARTHUR'S SCHOOL

Science

Department

YEAR

9



YEAR

8

Hearing – humans and auditory range

Waves - ultrasound

Inheritance and DNA

Natural selection

Sound waves

Reproduction

Measuring variation

Testing indigestion remedies

Looking closer at organs

Microscopes

Atoms, elements and compounds

Species

Digestion and our bodies

Why are we all different?

Acids and alkalis

Tissues and organs of the digestive system

The Scientific method

Non-contact forces

Bacteria

Turning effect (moments)

Simple machines

Moving around

Seasons, day and night

The Sun, stars and galaxies

Forces – deforming objects

Forces – push and pull

Function of muscles

Chemical reactions and physical change

Separating techniques

Energy requirements

Consequences of imbalance in the diet

Structure and function of the human skeleton

Food and diet

Diffusion and dissolving

Contents of a healthy human diet

Energy content of different foods

Transfer of energy

Pure substances and mixtures

Solids, liquids and gases

The Scientific method

Hazards and Risks

Energy in matter

Particles

Introduction to the Science lab

YEAR

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Changing states

The particle model

Drawing Scientific diagrams

How to use a Bunsen burner

welcome