

SCIENCE AND DESIGN TECHNOLOGY

AUTUMN

THE HUMAN ANIMAL

SCIENCE - Biology

Reception

Year 1 My Body; Seasonal change

Year 2 Living things and their Habitats

Year 3 Healthy living; Human Digestives system; skeletons

Year 4 Food groups; Healthy balanced diets; Human digestive system; Teeth and decay.

Year 5 Human life cycles; Rites of passage.

Year 6 Heart and lungs; Double circulation and blood; Exercise and pulse rate.

OUR WONDERFUL WORLD

SCIENCE - Chemistry

Reception

Year 1 Materials; Seasonal Changes

Year 2 Seasonal Changes

Year 3 Rocks

Year 4 States of Matter

Year 5 Properties and Changes in Materials

Year 6 Evolution and Inheritance

SPRING

A VICTORIOUS REVOLUTION

SCIENCE AND TECHNOLOGY - Physics

Reception

Year 1 Seasonal change

Year 2 Materials

Year 3 Forces and Magnets; Springs, levers, pulleys.

Year 4 Electricity; 3D mechanisms

Year 5 Forces and Friction ; Pulleys, gears, cams, levers and linkages.

Year 6 Electricity; 3D structures

DESIGN and TECHNOLOGY

Reception

Year 1 Plants

Year 2 Plants

Year 3 Cooking and nutrition

Year 4 Textiles

Year 5 Cooking and nutrition

Year 6 Textiles

SUMMER

SCIENCE – Biology - All Living Things

Reception

Year 1 Animals and their habitats

Year 2 Food Technology

Year 3 Plants

Year 4 Habitats

Year 5 Life Cycles

Year 6 Classification

SCIENCE - Physics

Reception

Year 1 Seasonal change

Year 2 Healthy Humans

Year 3 Light

Year 4 Sound

Year 5 Earth and Space

Year 6 Light