

Year 6

TOPIC WEB

Power and Vision—Creating Memories

CURRICULUM DRIVERS - Art, Geography and Science

ENGLISH

Reading revision units will help to improve children's comprehension skills. Pupils will read non-fiction sources, finding out about natural resources and sources of energy. They will use this research as a basis for debate and writing arguments. In addition, children will learn how to use more formal writing techniques to write powerful letters.

MATHS

Children will learn to use 24 hour time, identify and describe the properties of 3D shapes, including nets, and use ratio. They will then be able to express amounts as decimals, fraction or percentages. Children will also handle data in a variety of forms, including graphs and charts.

SCIENCE

Children will learn about the effects of changing the number and voltage of cells in a circuit. They will compare and give reasons for variations in how components function and use symbols in circuit diagrams. Children will use their understanding of light sources and the fact that it travels in straight lines to explain how we see things.

GEOGRAPHY

Children will study elements of human geography, focussing on the distribution of natural resources: energy, food, minerals and water.

ART/DT

Children will research the life and works of an artist: **Clarice Cliff**. Following design work in school, where children will create designs in the style of the artist, the children will visit 'Tea and Bisque-it' in Willerby to paint their chosen design onto a plate.

Children will study mechanisms and electrical systems to enable them to design and make a model wind turbine.

COMPUTING

Control and monitoring (Lego Wedo). Children will design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; they will solve problems by decomposing them into smaller parts. They will use sequence, selection, and repetition in programs; work with variables and various forms of input and output.

MUSIC

Children will develop an understanding of the history of music. They will also study the structure of an orchestra, including the different families of instruments.

PSCHE

'Keeping safe'. Children will consider the dangers of peer pressure as they head towards Year 7. Children will develop knowledge, understanding and skills in key social and emotional aspects of learning: self-awareness, managing feelings and empathy.

P.E

Through 'Circuit Training' children will develop strength, technique, control and balance, comparing their performances with previous ones to achieve their personal best.

R.E

Hopes and Vision. Children will develop an understanding of how and why religions celebrate key religious events in history.