

Maths focus: Decimals and measuring

Perimeter and area Measuring and calculating angles

Adding and subtracting decimals Converting metric units

HELP AT HOME:

When reading measures when cooking, discuss how many grams in a kg. Measure items around the home using mm, cm, m, ml, l, g, kg

Useful vocabulary:

water resistance, air resistance, friction, undulations, interlock, gears, pulleys, levers, current, voltage, volts, conductor, resistance, resistor, drive belt, gearing up or down, mechanical system, driver, follower, mesh, motor spindle

English focus: Poetry, narrative writing & explanation text:

The Lost Words, The Time Machine & Clockwork

How can we build atmosphere and mood in our writing? Figurative language

HELP AT HOME: Encourage children to read and listen to a variety of texts. Talk about reading. Share reading.

PE: hockey, cricket, athletics and outdoor adventurous activities

Music: How does Music shape our way of life? How does Music connect us with our environment?

Computing: Health, Well-being and Lifestyle Pupils will evaluate how technology can affect sleep. They will look at the benefits and risks of looking up health information online. Online privacy, security and copyright.

PSHE: Healthy sleep habits, sun safety, medicines, vaccinations, immunisations and allergies.

French with Mrs Donald: The children will learn about farm animals and pets whilst consolidating their knowledge of verbs, adjectives and connectives as well as developing their speaking and writing skills.

RE: stories of justice in Christianity, Islam and Judaism; 'A good life' - pupils will explore aspects of humanism.

Suggested reads/websites:

<https://www.bbc.co.uk/teach/class-clips-video/science-ks2-mechanisms/zfhr96f>

BBC Bitesize—electricity

Visit an old-fashioned fairground or steam fair.

DO WE VALUE SCIENCE OVER CREATIVITY?

Key concepts: — creativity and design

Year 5 - Beech Class Summer Term Roots to Learning



Diary Dates:

Tile Barn Day visit— 26th to 28th April 2023

Science: Forces that oppose motion

Pupils will explore how and why things move. They will investigate water resistance, air resistance and friction.

Science: Controlling electrical circuits:

Pupils will learn how a power supply pushes a current around a circuit. They will investigate and measure the results of changing variables in a circuit and develop an understanding of current, voltage, conductors and resistance.

DT: Pulleys and gears

Pupils will design, make and evaluate a scale model fairground ride.

Computer Science: Programming

Pupils will be introduced to conditions as a means of controlling the flow of actions and make use of their knowledge of repetition and conditions when introduced to the concept of selection (through the if, then structure).

Art: We will be exploring Romany Art and fairground artist, Amy Godwin.