

Literacy

Non-fiction - Instruction texts

In the Non-fiction reading and writing week, the focus is on developing children's ability to follow and write instructions for making musical instruments.

Reading:

Children will:

- consider why people need and use instructions
- notice how instructions are organised to make them easy to follow
- evaluate instructions against a set of criteria.

Writing: To write clear instructions about how to make a bottle band.

Fiction: Science fiction/Fantasy Reading:

- connect and explore the central themes and ideas in *A Tale of Two Robots* of invention and science, by making links with other texts and their own experience
- explore how Roy Appa develops plot
- devise questions for the main character to ask and answer in role.

Writing: To write a new episode for the story.

How to support your child at home

- Encourage your child to engage with independently writing instructions about making something, read instructions and use key words first, next, after, last.
- Ask your child what language features they are learning about.
- Research about science fiction stories and read books/articles – suitable for age.

Year 3 – Spring 2.1 - 2018

Computing



The children will learn to:

Children should be taught to:

- Use search technologies effectively and be discerning in evaluating digital content
- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour
- Identify a range of ways to report concerns about content and contact

Geography

- Learn about the international space station
- Circles around the Earth
- British Isles: countries and capitals.
- Regions of England and Wales.
- Regions of Scotland and Northern Ireland.
- Cities and regions of the UK

Numeracy



- **Number, place value** and rounding
- **Use partitioning** to add and subtract two-digit numbers
- **Multiplication and division:** multiplying one-digit numbers by multiples of 10
- **Money** - Measures: adding and subtracting money
- **Geometry:** Recognising, describing and making 2D and 3D shapes. Recognising and drawing right angles in 2D shapes
- **Measurement** - using mm, cm and metres
- **Time** - Read and write time to 5 minute intervals
- **Statistics** Interpret and present continuous data using line graphs

How to support your child at home

- Learn multiplication methods, long, short and partition grid method.
- Learn Imperial units and conversion methods
- Learn 1-12x timetables and inverse (division)
- Visit the following websites:
<http://www.bbc.co.uk/bitesize/ks2/maths/>

Science



Biology

Human Health and fitness.

- Understand exercise and breathing.
- Be able to analyse and evaluate Data.
- Understand the effects of Smoking.
- Aspirator to measure lung capacity.
- Making a model lung with a popo bottle.
- Understand the effects of exercise and Identify the connection with the heart rate.
- Identify areas of the heart using a model hear/stethoscope
- Understand Muscles and gender differences in muscle strength.
- Make a model arm.
- Understand bones (Skeleton) and Teeth. The reaction of teeth with acid, strength, animal bones and the role of calcium.
- Understand about Drugs and Health.
- Understand Nutrition and Digestion.

How to support your child at home

Talk, read and research about healthy food, digestive system, Heart, muscles and exercise.

History

The Bronze Age

Changes in Britain from the Stone age to the Iron Age, including Bronze Age religion, technology and travel.

Children will find out about the immigration to Britain of the Beaker people and the impact of the metalworking technology they brought with them. They learn about the Bronze Age structures, such as roundhouses and round barrows. They will also start to understand the difference between the tools used from Stone Age to Bronze Age.

How to support your child at home

Visit to the History museum, read books on Bronze Age.

Do research on the internet. Visit- www.bbc.co.uk/bitesize

R.E

Holi

- What do we think goodies and baddies are?
- What happens at the Hindu Festival at Holi?
- What other stories is told at Holi?
- How does Holi show what Hindu people believe about god?
- Write a story which teaches the value of not dividing up.