

MATHEMATICS

Statistics construct simple pictograms, tables and bar charts and asking and answering questions on each category

Number continue to solve $+$ $-$ \times and \div number calculations developing mental arithmetic and written methods. Recap on fractions halves, quarters, three quarters and thirds

Geometry Revising names and properties of 2D and 3D shapes. Recognising symmetrical patterns and lines of symmetry

Measurement : Time sequencing events in chronological order including intervals of time. Telling time digital and analogue to half past and the hour, quarter to and quarter past.

ENGLISH

Fiction- Stories involving fantasy - My marvellous invention.

Stories based on the Wrong Trousers.

Non-Fiction - Research and writing non-chronological reports about famous inventors and their inventions that have changed our world.

Recounts and non- chronological reports on Science and Design investigations into Habitats and our fantastic plant growers!

Geography

Where do some of our famous inventors come from?

History

We will be researching famous inventors such as Isambard Kingdom Brunel, Thomas Edison and Alexander Graham Bell, discovering how important their work has been throughout history.



PE & GAMES

Monday Indoor PE working on apparatus. Creating high and low sequences

Thursday OUTDOOR PE

Athletics- field events e.g. throwing and jumping. Track events e.g. relay racing, sprinting, skipping and hurdles.

MUSIC

We will be continuing to explore pitch, timbre, tempo and dynamics. Inventing our own musical instruments and creating our own compositions.

SCIENCE - Living things and their habitats. Creating our own model habitats and showing how animals are suited to their habitats.

Plants - Identifying common plants and trees.

Science investigation on Incredible Cress! What does a plant need to grow? Inventing the ideal plant grower to grow the best cress.

COMPUTING

Using a simple program to develop a pictogram to show data. Adding labels and numbers.

Discuss how technology has changed over time and what incredible inventions we have seen even in the last few years.

Continue to use programmable Beebots

R.E. Judaism How does being Jewish make a difference to family celebrations?

P.S.H.C.E- We will be continuing to explore relationships and develop personal responsibility and teamwork.

DESIGN TECHNOLOGY

Design, Make and Evaluate

Make our model science habitats. Developing technical knowledge to make structures stronger, more stable and manipulate different materials and invent our own plant growers.

MATHEMATICS

Throughout the term the children will play maths games to improve their number skills and will be working on counting in 2s 5s and 10s. This involves being able to manipulate numbers facts such as 2 lots of 3 = 6 so therefore 3 lots of 2 will be 6. How many 2s in 6? If 3 children had 2 socks on how many socks altogether?

This terms maths topic will be

Statistics interpret and construct simple pictogram, tally charts, block diagrams and simple tables.

Ask and answer simple questions by counting the number of objects in each category and sorting the category by quantity

Ask and answering questions about totalling and comparing categorical data.

Geometry 2D and 3D shape revision including number of sides and faces and lines of symmetry.

Position and Direction movement in a straight line and distinguishing between rotation of a turn in terms of a right angle

Year 1 Measurement Time sequencing events in chronological order. Telling time digital and analogue to half past and the hour

Year 2 Measurement Time Compare and sequence intervals of time. Tell and write the time to five minutes including quarter past/quarter to the hour and draw the hands on a clock face to show these times. Know the number of minutes in an hour and the number of hours in a day.

Year 1 Addition and Subtraction counting forwards and backwards to solve number problems

Year 2 Addition and Subtraction Problem Solving also involving a range of measurements length/ height (m/cm) mass (kg/g) temperature (°C) capacity (ml/l)

Year 1 Multiplication and Division counting in groups to solve number problems

Year 2 Multiplication and Division Problem Solving. Year 2 will also be completing their end of Key Stage 1 SATs with an arithmetic paper and reasoning paper.

ENGLISH Alongside and within the Fiction and non-fiction work Y1/2 will be focussing on:

Spelling Punctuation and Grammar (SPaG)

Year 1- Continuation of adding endings to words and identifying past and present tenses. Adding a prefix un- to words and discuss meanings.

Continuing to punctuate sentences using a capital letter and a full stop, question mark or exclamation mark. Rules for plurals.

Year 2- Revising word endings and suffixes e.g. -ment, -ness, -ful, -less, -ly. Adding prefixes to the beginning of words e.g. un- and dis-. Rules of plurals. Building on writing sentences with different forms e.g. statement, question, command, exclamation. Subordination (using *when, if, that, or because*) and co-ordination (using *or, and, or but*) Expanded noun phrases to describe and specify, e.g. *the blue butterfly*. Using apostrophes for contracted forms and for possession. Use and understand the grammatical terminology when discussing their writing.

Phonics will continue to be taught throughout the week. This takes the form of a phonics session taught in groups.

Year 1 - Phase 5 (Letters and Sounds) revision of vowel phonemes, spilt digraphs and tricky words through reading nonsense words. Long vowel sound families ai ee igh oa oo

Year 2 - Revision of alternative spelling choices as well as high frequency words. Spelling rules of /l/ sound spelt al/el/ le at the end of words.

Handwriting Continuation of cursive handwriting with the formation of lower case and upper case letters and applying this to writing simple words.

Reading- Exploring, reading and retelling a wide variety of fantasy stories and non-fiction texts linked to our topic. Children will be using a variety of reading strategies and learning how to apply them. Year 2 will also be continuing to learn how to find answers to written questions in a text through weekly reading comprehension tasks and will be completing their Year 2 Reading SATS. All children will bring home reading books to read with an adult from our home reading scheme.