



MOORLANDS PRIMARY SCHOOL



Year 2 - CURRICULUM NEWSLETTER Spring term 2022

Happy New Year! We hope you have had an enjoyable break with your amazing children! We are so proud of how hard the children have been working so far! We hope you find it useful to know what we will be learning about this term...

MAIN TOPICS

The following topics have a main curricular emphasis, but also include other areas of the National Curriculum.

Spring Term 1

Mega Structures



In this topic, children will learn about many of the mega structures around the world including buildings and other structures. This topic is cross-curricular and will include computing, DT, art and design which will enable the children to gain a complete experience. In Geography the children will be studying world maps to locate where the mega structures are. We will be recapping the continents and main oceans. The children will be choosing which mega structures they would like to research this term and will be writing information texts about them.

We hope you enjoy the topic homework we have set. Please do come and speak to us if you have any questions!

Useful link: <https://www.natgeokids.com/uk/>

Spring Term 2

Great Fire of London!



Following on from our work on 'Megastructures' last term, this term we will be doing a short historical study on 'The Great Fire of London'. We will be working as historians and researching by looking at artefacts and photos. We will learn about the events by looking at Samuel Pepys' diary and will also be writing in role as an eye-witness.

In science we will be learning about materials and their properties. This will link to our work on The Great Fire of London by looking at the materials that houses were built from at the time and thinking about why the fire spread so quickly.

English

To extend their writing further the children will be continuing to join two sentences together by using different conjunctions (when, if, so, or, but, because). Spellings will be a big push this term, especially year 1 and 2 common exception words. We ask for your usual support with weekly homework, including practicing reading their bookmark words and weekly spellings.

We will be linking the mega structures topic to support their non-fiction writing and reading. Children will be writing their own information texts about London!

The children will receive regular **homework** to practise spellings, handwriting, and phonics. Each day they will bring home their **book-bags** with a book to read or a set book - at a level they should be able to read mostly independently. Please fill in the **Reading Diary** to help us to hear how the reading is progressing at home. We will take in the diaries on Thursdays to respond to you.



We will also be setting maths games on Active Learn and assigning books on BUG CLUB. Let us know if you have any difficulties.

Maths

Topics for Year Two	Objectives
Multiplication and Division	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers. Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals ($=$) signs. Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot. Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. Solve word problems that involve more than one step. Determine remainders given known facts. Use estimation to check that their answers to a calculation are reasonable.
Fractions	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity. Write simple fractions e.g. $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of two quarters and one half. Find and compare fractions of amounts
Measurement	Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value. Find different combinations of coins that equal the same amounts of money. Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.
Geometry Properties of Shape	Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line. Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces. Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]. Compare and sort common 2-D and 3-D shapes and everyday objects.

Art and Design



In art and design we will be using our topic 'The Great Fire of London' for inspiration! We will be creating silhouette landscapes by using a range of skills. We will be learning how to mix primary colours to make secondary colours and adding white or black to create tints and tones. We will be using different media to create the silhouette effect.

Science

The children will learn to identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. They will find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.



Personal, Social, and Health Education

Dreams & Goals Puzzle Map - Ages 6-7



Puzzle Outcome

Help me fit together the six pieces of learning about my dreams and goals to create Our Garden of Dreams and Goals (Pieces 4&5 Dream Birds)

Weekly Celebration	Pieces	PSHE learning intention	Social and emotional development learning intention	Resources
Stay motivated when doing something challenging	1. Goals to Success	I can choose a realistic goal and think about how to achieve it	I can tell you things I have achieved and say how that makes me feel	Treasure chest filled with marbles, beads, coins, coloured stones, Jigsaw Jo, Jigsaw Chime, 'Calm Me' script, Success pictures, Treasure chest template, Jigsaw Jo's Challenge PowerPoint, Jigsaw Journals, My Jigsaw Learning, Jigsaw Jerrie Cat.
Keep trying even when it is difficult	2. My Learning Strengths	I carry on trying (persevering) even when I find things difficult	I can tell you some of my strengths as a learner	Treasure chest filled with marbles, beads, coins, coloured stones, Jigsaw Chime, 'Calm Me' script, Jigsaw Song: 'For Me', Jigsaw Jo, Ladder template, Treasure chest boxes/simple boxes, Jigsaw Journals, My Jigsaw Learning, Jigsaw Jerrie Cat.
Work well with a partner or in a group	3. Learning with Others	I can recognise who I work well with and who it is more difficult for me to work with	I can tell you how working with other people helps me learn	Jigsaw Chime, 'Calm Me' script, Jigsaw Song: 'There's a Place', Book: 'The Owl and the Pussy Cat' by Edward Lear, Materials for the challenge: French numbers 1-20, Mandarin/Chinese numbers 1-10, Macarena dance moves, Card and colouring materials, Jigsaw Journals, My Jigsaw Learning, Jigsaw Jerrie Cat.
Have a positive attitude	4. A Group Challenge Puzzle Outcome: Dream Birds	I can work well in a group	I can work with others in a group to solve problems	Soft ball, Jigsaw Chime, 'Calm Me' script, Gentle music, Garden PowerPoint slides, Jigsaw Jo, Art materials/modelling materials/ paints, My Jigsaw Learning, Jigsaw Jerrie Cat.
Help others to achieve their goals	5. Continuing Our Group Challenge	I can tell you some ways I worked well with my group	I can tell you how I felt about working in my group	Soft ball, Jigsaw Chime, 'Calm Me' script, Gentle music, Garden PowerPoint slides, Jigsaw Jo, Art materials/ modelling materials/ paints, Treasure chest boxes, My Jigsaw Learning, Jigsaw Jerrie Cat.
Are working hard to achieve their own dreams and goals	6. Celebrating Our Achievement Assessment Opportunity ★	I know how to share success with other people	I can tell you how being part of a successful group feels and I can store these feelings in my internal treasure chest	Jigsaw Chime, 'Calm Me' script, Special objects, Dream birds, Treasure chest template, Jigsaw Journals, My Jigsaw Learning, Certificates, Jigsaw Jerrie Cat, Jigsaw Jo.

R.E

Children will learn about the concept of *storytelling* across different religions. They will discuss stories that Jesus told and also stories told in the Hindu religion.



P.E

This term the children will be focussing on multi skills and team games.



Please can the children have their P.E. kit in school all week, please can we remind you that that they need shorts for indoor PE. Leggings **and** tracksuit bottoms are for outdoor PE only. Please ensure they are **clearly** named. Please also ensure that long hair is tied back. We can provide tape for earrings to be covered but it's preferable if they are removed on PE days. Children must also have a water bottle in school **every day** but this is particularly important after PE sessions.

Please make sure your children come to school with a full water bottle every day!

Thank you for your continuing support.

Kind regards
Year 2 team