Literacy Knowledge

The theme of literacy is traditional tales linked to our topic of Geography telling tales from around the world.

Year 1 need to....

- Listen to, enjoy and talk about poems, stories and non-fiction texts.
- Listen to and discuss a wide range of poems, stories and non-fiction at a level beyond that at which they can read independently.
- Listen and respond appropriately to adults and their peers.
- Ask relevant questions to extend their understanding and knowledge.
- Sit correctly at a table, holding a pencil comfortably and correctly
- Begin to form lower-case letters in the correct direction, starting and finishing in the right place.
- Write sentences.
- Sequence sentences to form short narratives.

Year 2 need to....

- Recognise simple recurring literary language in stories and poetry.
- Be introduced to non-fiction books that are structured in different ways.
- Listen to, discuss and express views about a wide range poetry, stories and non-fiction at a level beyond that at which they can read independently.
- Develop positive attitudes towards and stamina for writing
- Write for different purposes.
- Make simple additions, revisions and corrections to their own writing.

Maths Knowledge

Year 1 need to....

- Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs.
- Represent and use number bonds and related subtraction facts within 20.
- Add and subtract one-digit and two-digit numbers to 20, including zero.
- Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.
- Identify and represent numbers using objects and pictorial representations
- Use the language of: equal to, more than, less than (fewer), most, least.
- Given a number, identify one more and one less.
- Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens
- Compare, describe and solve practical problems for: lengths and heights, mass/weight, capacity and volume and time
- Measure and begin to record the following: lengths and heights; mass/weight; capacity and volume and time
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- **Year 2 need to**....
- Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts
- Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
- Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
- 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.
- Recognise, find, name and write fractions ⅓, ¼, 2/4 and 3/4 of a length, shape, set of objects or quantity

PE Knowledge

Year 1 and Year 2 need to....

- Learn how to control breathing and body strength
- Perform movements with speed and accuracy
- Maintain balance when running
- Perform core building movements like the plank and the wheelbarrow

PSHE Knowledge

Year 1 and Year 2 need to know....

- how they can contribute to the life of the classroom and school
- how to rules help us in the community and in school
- that people and other living things have rights and that everyone has responsibilities to protect those rights (including protecting others' bodies and feelings;
- how to take turns, share and understand the need to return things that have been borrowed)
- that they belong to different groups and communities such as family and school

Brief overview of the topic....

The purpose of this topic is to identify the similarities and differences between two places. Children will compare their locality, Bolsover, with a contrasting location over seas. Building on their knowledge and skills from previous topics they will also learn to use a world map to name continents and oceans. Year 1 will learn about the similarities and differences between the 2 countries, including transport, weather, houses etc. Year 2 will learn about the similarities and differences between the human and physical features of these locations.

Key Vocabulary

physical features, human features, beach, harbour, cliff, farm, city, town, village, country, weather, climate, transport, village, town, city, England, continent, ocean, country,

Geography Knowledge

Year 1 need to know that....

- A continent is a large area of land.
- The world's seven continents are Africa, Antarctica, Asia, Australia, Europe, North America and South America.
- The five oceans are the Arctic Ocean, Atlantic Ocean, Indian Ocean, Pacific Ocean and Southern Ocean.
- Places can be compared by size, amenities, transport, location, weather and climate.

Year 2 need to know that....

- An ocean is a large sea.
- There are five oceans on our planet called the Arctic, Atlantic, Indian, Pacific and Southern Oceans. Seas include the Black, Red and Caspian Seas.
- The United Kingdom is an island surrounded by the Atlantic Ocean, English Channel, Irish Sea and North Sea.
- The world's seven continents are Africa, Antarctica, Asia, Australia, Europe, North America and South America.
- A non-European country is a country outside the continent of Europe e.g USA, Australia, China
- European countries include Germany, France and Spain.

RE Knowledge

Year 1 and Year 2 need to know that....

- There are many different religions in the world
- People believe in different things
- There are special places where people go to worship
- Special objects and symbols can be found in places of worship
- Songs and music are used in places of worship

Innovation week
ART and DT

Year 1 need to know that....

- Ideas can be created through observation, imagination and memory
- Malleable materials include rigid and soft materials, such as clay, plasticine and salt dough.
- Discussion and initial sketches can be used to communicate ideas and are part of the artistic process.
- An axle is a rod or spindle that passes through the centre of a wheel to connect two wheels.

Year 2 need to know that....

- Materials and techniques are well suited to different tasks
- Malleable materials, such as clay, plasticine or salt dough, are easy to shape.
- Interesting materials that can make textures, patterns and imprints include tree bark, leaves, nuts and bolts and bubble wrap.
- Natural forms are objects found in nature and include flowers, pine cones, feathers, stones, insects, birds and crystals.
- A mechanism is a device that takes one type of motion or force and produces a different one.
- A mechanism makes a job easier to do.
- Mechanisms include sliders, levers, linkages, gears, pulleys and cams