



Year One Curriculum Information for Parents

Spring 2023

Wonders of the World



In Spring Term, pupils in Year One will explore famous wonders of the United Kingdom, design, make and evaluate their own new wonder for Great Lumley and investigate the best materials to use for their spectacular sculptures.

Phonics and Spelling

Knowledge and Key Skills:

- I can segment phonemes in unfamiliar words and spell using phonetically plausible attempts.
- I use what I know about alternative phonemes to narrow down possibilities for accurate spelling.
- I can use letter names to show alternative spellings of the same phoneme.
- I can write a simple dictated sentence by the teacher that include words with the GPCs and common exception words taught so far.

Reading

Knowledge and Key Skills:

Word Reading

- I can read compound words.
- I can divide words into syllables.
- I can blend sounds in unfamiliar words that contain GPCs that have been taught.
- I can accurately read aloud books that are consistent to my developing phonic knowledge.
- I can read words of more than one syllable that contain taught GPCs.

Writing

Knowledge and Key Skills:

- I can form capital letters correctly.
- I can form digits 0-9 correctly.
- I can sequence sentences in chronological order to recount an event or experience.
- I know how the prefix 'un' can be added to words to change meaning.
- I can sequence sentences to form a narrative.
- I can use a question mark.
- I can use an exclamation mark.

Mathematics

Knowledge and Key Skills:

Number

- I can read and write numbers in words and numerals.
- I can use language of comparison, e.g. more than, less than.
- I can identify and represent numbers using objects and pictorial representations including the number line and arrays.
- I can use the language of: equal to, more than, less than (fewer), most least.
- I can recognise the value of ordinal numbers to give position.
- I can solve addition and subtraction problems.
- I can identify and use addition, subtraction and equals signs.
- I can represent and use number bonds and subtraction facts.

Properties of Shape

- I can recognise, name and sort common 3d shapes and describe their properties.
- I can recreate and continue patterns of colour, shape and size.

Measurement

- I can accurately use language to compare size.
- I can use non-standard units to measure weight, length and capacity.

Science

Knowledge and Key Skills:

- I can use simple equipment to make observations.
- I can carry out simple tests.
- I can make tables and charts about the weather.
- I can investigate how the length of the day changes seasonally.
- I can explore the local environment throughout the year to answer questions about plants and animals in their habitats.
- I can observe and comment on changes across the four seasons.
- I can observe and describe the weather associated with the four seasons of the year.
- I can keep records of how plants have changed over time.
- I can observe the growth of flowers I have planted.

Activity Ideas:

- Observe signs of Winter around school.
- Observe signs of Spring around school.
- Create our own weather chart using ICT.
- Design and create a strong and waterproof sculpture for the school garden.
- Care for the plants and vegetables in our allotment area ready for harvest.
- Create a habitat for minibeasts in our school grounds.

Design and Technology

Knowledge and Key Skills:

- I can design purposeful, functional, appealing products for myself and others based on design criteria.

Activity Ideas:

- Design and make a windmill that moves using an axle and turbine.
- Design a suitable structure and base to support the windmill.
- Evaluate the project and adapt the design as required.

Geography

Knowledge and Key Skills:

- I can name the four countries in the United Kingdom and locate them on a map.
- I can use world maps, atlases and globes to identify the United Kingdom and its countries.
- I can name some of the main towns and cities in the United Kingdom.
- I can use basic geographical vocabulary to refer to key human features.
- I can use basic geographical vocabulary to refer to key physical features.

Activity Ideas:

- Learn more about the four countries that make up the United Kingdom through the discovery of modern wonders and landmarks.
- Design and make a 'Wonder of Great Lumley' (DT and Science link).

Computing

Knowledge and Key Skills:

- I can use technology safely.
- I can use a web site.
- I can begin to select appropriate software to complete a given task.
- I can keep personal information private.

Activity Ideas:

- Celebrate 'Safer Internet Day' by learning how to use the internet safely and responsibly.
- Use subscription software to research.

Religious Education

Knowledge and Key Skills:

- I can begin to explore some beliefs and features of Christianity.
- I can explore and ask questions on topics.
- I can express my own likes and interests.

Activity Ideas:

What makes Jesus so special to Christians?
What is the Easter story?

Personal Development

'E' is for Enthusiastic

Exploring difference: our likes and interests.

Celebrating difference: our achievements.

'E' is for Empathetic

Recognising and responding to the feelings of others.

Helping others less fortunate

'A' is for Attitudes

Attitudes to learning and friendships.

Exploring feelings and dealing with emotions.

'A' is for Aspirations

Going for goals
The rights of every child.

Art and Design

Knowledge and Key Skills:

- I can choose and use three different grades of pencil when drawing.
- I can use pencils to create lines of different thickness in drawings.
- I can name the primary and secondary colours.
- I can mix paint to create all the secondary colours.
- I can create brown with paint.
- I can create tints with paint by adding white.
- I can create tones with paint by adding black.
- I can use charcoal, pencil and pastel to create art.

Activity Ideas:

- Create a painting of a local landmark in the style of Marz Jr.

History

Knowledge and Key Skills:

- I can sequence events on a timeline.
- I can research events, people and places from my local area.
- I can spot old and new things in a picture.
- I can explain what an object from the past might have been used for.

Activity Ideas:

- Research local architect John Dobson and the Great Fire of Newcastle.
- Investigate and sort old and new fire service equipment.

Music

Knowledge and Key Skills:

- I can use instruments to perform.
- I can repeat short, rhythmic and melodic patterns.
- I can say whether I like or dislike a piece of music.

Activity Ideas:

To create a class band and perform our musical masterpieces.

Physical Education

Spring term 1: Dance

Knowledge and Key Skills:

- I can respond appropriately to a variety of stimuli through movement.
- I can move with appropriate actions and timing in response to a stimulus.
- I can move with rhythm and confidence when e.g. walking, hopping, jumping, landing.

Activity Ideas:

Create, develop and perform a dance with theme of the Circus.

Spring Term 2: Invasion Games

Knowledge and Key Skills:

- I can face a target when throwing and catching.
- I can throw underarm and overarm.

Activity Ideas:

Take part in the following invasion games:

- Rolla Ball