

MATHS

Place Value

Prior Knowledge:

Adding, Subtracting, Multiplication, Division, Fractions, Decimals in year 3

- Fractions
- Mixed fractions
- Improper fractions
- Adding and subtracting fractions
- Decimals

Children will use place value counters and Dienes as well as pictorial and abstract representations to make numbers up to 1000. They will use the greater and less than symbols to compare and order numbers. Children will practise their times tables on TTRS daily.

READING: The Ion Man

Prior Knowledge: Hero/Villain/Magic/Happy Ending—these features were present in The Stolen Spear (Y3) and A Midsummer Night's Dream (Y3)

- To understand how to use contextual clues
- To be able to read commas accurately
- Discuss words and phrases that capture the reader's interest and imagination
- Identify conventions in fairy stories

Children will learn how to chunk words into syllables; they will understand that inverted commas indicate direct speech and explore how to read with expression; they will find answers in the text by reading on to use contextual clues; they will show their comprehension by creating a story map and using this to orally retell the story

PSHE: What makes a community / how data is shared and used / making decisions about money

Prior Knowledge: positive relationships, respecting similarities and differences; expressing feelings; making healthy choices

Children will:

- Understand that they are part of different groups.
- Understand how to show empathy for living these.
- Understand the concept of a digital footprint and how it might apply to them
- Understand influences on spending and why money can impact on wellbeing

RE

New Birmingham agreed syllabus

Prior Knowledge: Beliefs and practices, passover; Christmas, Easter

Children will: be taught how different faiths approach the following dispositions Being modest and listening to others Creating inclusion identity and belong Being merciful and forgiving Responding to suffering.

COMPUTING

Prior Knowledge: inputs, outputs and processes, digital networks

- Apply knowledge and understanding of networks to appreciate the internet as a network of networks which need to be kept secure.

Children will explore what a network is and how information is sent between computers within a network.

MUSIC: Learn an instrument with Music Services for Education

Prior Knowledge: Glockenspiel, singing in tune

Children will: Know the difference between pulse and rhythm and be able to keep the internal pulse • play in unison • Play instrumental parts accurately and in time • Share and perform • Evaluate the performance

GEOGRAPHY

Mountains

Prior Knowledge: Non-European study (Pakistan); coastal features; rivers in the Peak District; OS Maps and symbols; contour lines

- Know and locate the key European countries and their major cities; with a focus upon those bordering the Alps (German, France, Italy, Switzerland, Monaco and Slovenia, Lichtenstein, Austria).

Pupils will Use maps, atlases, globes and digital mapping to locate and describe features; suggest where in the world and aerial photograph or satellite image shows, explaining reasons for their suggestions as well as understanding what countries border the alps.

SCIENCE

SCIENCE: Electricity

Prior Knowledge:

Children will:

- observing patterns, for example, that bulbs get brighter if more cells are added
- that metals tend to be conductors of electricity
- and that some materials can and some cannot be used to connect across a gap in a circuit.
- to identify electrical appliances around us
- to investigate conductors and insulators
- to make and test a switch
- to make and compare simple circuits – series only
- to observe differences in circuits and find trends between the number of batteries and the observed effects in the circuit

TERMLY EVENTS

Adopt a Chef

Year group Assembly

Y4: Spring

ROMANS



Art: sculpture / proportion in 3D / assembling materials

Children will:

- Sculpt a statue of Anubis
- Know how to replicate textures and patterns using decorative techniques such as applied, impressed and painted.

DT: night lights

Prior Knowledge: Eat Well Plate; healthy sandwiches, food preparation; following a recipe

Children will: know the order of the main stages of making. know the tools that are required to make my product. Select from and use materials and components, including electrical components according to their functional properties and aesthetic qualities. Can evaluate my product

PE

Gymnastics

Prior Knowledge: OS maps, keys and symbols, compass directions; worked with others to solve problems; lead others and be led; use different strategies to solve problems; Identify similarities and differences in sequence; developed body management over a range of floor exercises;

- Work well in a group with defined and understood roles
- Plan and refine strategies to solve problems

Pupils will discuss with each other how confident they feel in travelling in different ways, they will have time to practice different ways of travelling. Pupils will be split into teams of 5 to travel across the room using only 2 hands 4 feet and 2 bottoms in contact with the floor. The entire group must cross from the start to the finish line.

HISTORY: The Romans

Children will be learning about life in the Roman times. They will be looking at invasions of Britain, Boudica's uprising, the strength of the Roman army, Celtic life and the fall of the empire. Children will also sequence important events in history. and will understand the legacy of the Romans.