

Year 2 Autumn

Maths

Place Value

- Counting
- Partition
- Recognising tens and ones
- Number lines
- Write numbers as words

Addition and Subtraction

- Add and subtract numbers up to 100.
- Know and use **number bonds to 20**
- Add and subtract 1-digit and 2-digit numbers
- Understand and use **commutative** and **inverse**
- Recognise and apply **fact families** (e.g. $3 + 4 = 7$, $4 + 3 = 7$, $7 - 3 = 4$, $7 - 4 = 3$).

Shape

- Recognise and name **2D and 3D shapes**. Describe shapes. Identify **lines of symmetry** in 2D shapes.
- Sort shapes based on their **properties** (e.g. number of sides, faces).
- Use **pattern and symmetry** to complete and create shapes or designs.
- Compare and sort common 2D and 3D shapes.

Reading



English

- Plan or say out loud what is going to be written about
- Use punctuation correctly – full stops, capital letters
- Write expanded noun phrases to describe and specify
- Use subordination (because) and coordination (and)
- Use co-ordination (but, or)
- Add -ly to turn adjectives into adverbs

Science

Animals Including Humans

- Explain the basic needs that humans need to survive.
- Can describe how animals, including humans, have offspring which grow into adults, using the appropriate names for the stages.
- Identify the offspring of key animals.
- Explain how animals have babies and that they grow and change into adults.
- Plan and carry out an investigation to answer a given question about growth.
- Explain why it is important for humans to exercise regularly.
- Describe a healthy diet for humans and explain the importance of eating a healthy diet.
- Name the foods in each section of the Eatwell Guide.
- Explain how humans can have good hygiene and the importance of good hygiene.
- Identify things we can do to prevent illness and explain what we can do to feel better if we do become ill

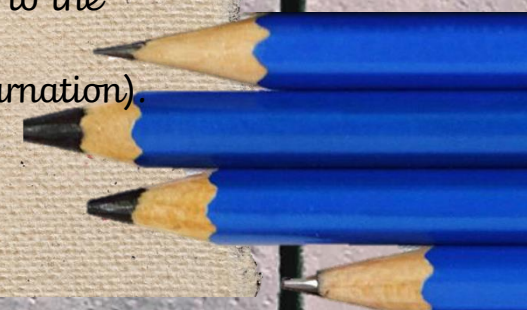
Art

Explorers

- Can I draw a familiar journey?
- Can I layer materials to create a 3D effect?
- Can I simplify a drawn idea, looking for big shapes and important lines? Can I cut, layer and arrange shapes?
- Can I design a printing tile?

RE

Is it possible to be kind to everyone all of the time?
Jesus's example as the Son of God.
Why do Christians believe God gave Jesus to the world?
Christmas - Jesus as a gift from God (incarnation).



History

Endangered!

Big question – Where have humans explored?
Cold Place

- Can I find out and explain why Scott was famous?
- Can I recount Scott's journey to the South Pole and key events when he arrived?
- Can I explain why Scott risked his life?
- Can I recount what happened during Scott's last journey and why he did not get to the South Pole first?

Space

- Can I find out if humans have been to the moon using different historical sources? (KQ1)
- Can I recount the astronauts' journey to the moon and how they got back safely? (KQ3)

Geography

- Name and locate the seven continents on a world map.
- Locate the North and the South Poles on a world map.
- Locate the Equator on a world map.
- Describe some similarities and differences between the UK and Kenya.
- Investigate the weather, writing about it using key vocabulary and explaining whether they live in a hot or cold place.
- Recognise the features of hot and cold places.
- Locate some countries with hot or cold climates on a world map.

PSHE

- I can explain why my behaviour can impact on other people in my class.
- I can compare my own and my friends' choices and can express why some choices are better than others.
- I can explain that sometimes people get bullied because they are seen to be different; this might include people who do not conform to gender stereotypes.
- I can explain how it feels to have a friend and be a friend.
- I can also explain why it is OK to be different
- From my friends.

Music

Musical Me

Composition and Melody
Singing and performing

Computing
Computing systems and networks – IT around us
Creating media – Digital photography

DT

DT

- Identify the correct terms for levers, linkages and pivots.
- Analyse popular toys with the correct terminology.
- Create functional linkages that produce the desired input and output motions.
- Design monsters suitable for children, which satisfy most of the design criteria.
- Select and assemble materials to create their planned monster features.
- Assemble the monster to their linkages without affecting their functionality.

PE

Dodging Games

The unit of work will challenge pupils to apply their knowledge of how, where and why to dodge. Pupils will learn the roles of attacking and defending and start to understand when we attack and when we defend while using their dodging skills.

Creating Games

The unit of work will challenge pupils to create simple tactics, follow and develop rules for games. Pupils will apply these in games playing against themselves, with a partner and in teams. Pupils will understand how different roles, such as the referee or timekeeper helps to manage the game.