

Science

- I know that food chains start with a producer and end with a predator.
- I know animals (and humans) need water, food and air for survival, including humans, for survival
- I know the 7 seven life processes (MRS GREN) –movement, respiration, sensitivity, growth, reproduction, excretion, nutrition.

Writing

- I know to use some diagonal and horizontal strokes to join letters.
- I know to use clear differentiation between ascenders and descenders.
- I know how to choose and use alternative spelling patterns for the vowel sounds and understand the correct placement for these within a word.
- I know other spelling patterns from English Appendix 1 and can use them in my writing.
- I know how to use a range of conjunctions to extend sentences.
- I know to use past and present tense consistently in my work.
- I know how to proof read my work for spelling and punctuation errors.

PSHE

- I know what my body needs to stay healthy.
- I know what makes me feel relaxed and stressed.
- I know how medicines work in my body.
- I know that it is important to use medicines safely.

Animal Magic

Year 2 Medium Term Plan

Spring 2 2025

Knowledge

Design and Technology

- I know how to create a product using a wheel and axle mechanism.
- I know how to use woodworking tools with support to create a wheel and axle.
- I know how to secure a wheel and axle mechanism to a product.
- I know how to follow health and safety procedures when using the woodworking equipment.
- I know how to slice food safely and confidently.

Geography

- I know where the equator is.
- I know where the North and South Pole are.
- I can identify locations of hot and cold areas in the world.

Maths

Division

I know how to recall and use division facts for the 2, 5 and 10 times table.

I know how to calculate mathematical statements for division using the 2, 5 and 10 times tables.

I know how to solve problems involving division using concrete objects and pictorial representations.

Fractions

I understand that the top number in a fraction is the numerator whilst the bottom number is the denominator.

I know how to find $\frac{1}{2}$ $\frac{1}{4}$ and $\frac{1}{3}$ of a shape and objects.

I know how to find $\frac{2}{4}$ of a shape or set of objects

I recognise the equivalence between $\frac{2}{4}$ and $\frac{1}{2}$.

Can solve and write simple fractions.

RE

- I know that Muslims believe that Allah is the one and only God.
- I know that daily prayers take place in the Mosque.
- I know how the Qur'an is used.
- I know that Ramadan is a period of ritual fasting.
- I know that Eid is the celebration of when Ramadan ends.

Computing

- I know whether a website is appropriate for children.
- I know how to make changes to my instructions if they are incorrect.
- I know I can create different algorithms using the same commands.

Music

- I know the lyrics to some songs off by heart.
 - The Owl and the Pussycat
 - Oranges and Lemons
 - Knicky Knacky Knoo
- I know how to play a glockenspiel.
- I know how to recognise changes to tempo, dynamics and pitch.

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Knowledge

Art

- I know I need to apply ink/paint evenly when using objects, materials and a range of printing techniques to create prints.
- I know I need to press, roll, rub and stamp using even pressure.
- I know that a printing block is a design that can be used over and over to create the same image.
- I know the names of different printing techniques.

History

- I know different ways that I can find information about the past.
- I know that the internet is not always a reliable source of information.
- I know how to ask sensible questions to get the information that I want.

Physical Education

- I know that stepping with opposite to foot to throwing arm will help me to balance – sending
- I know to use wide fingers and to pull the ball into my chest to help to securely catch – catching
- I know that it is easier to move towards a ball to track it than to chase it – tracking
- I know to keep my head up when dribbling to see space and opponents – dribbling.