

Year 5 - Spring Curriculum Newsletter

Dear all,

Happy new year! We hope you all had a wonderful Christmas.

This letter will inform you of all the exciting things your child will be learning about, over the next two half terms, up until Easter.

General Reminders:

Children must bring the following equipment into school every day:

- A reading book
- Home school diary
- Bottle of water

Pencil cases are now provided.

Please ensure that your child is reading at home **daily** and that this is noted in your child's home school diary **daily**. The home school diary is also the place for any important notes, especially regarding a change in pick-up arrangements. The home school diaries are checked regularly in school.

Please ensure that your child has the correct uniform every day and that all of your child's belongings (including P.E. kit) are clearly labelled with their name.

P.E. will be on Tuesday and Friday afternoons.

An overview of spellings for the whole half term will be stuck into your child's home school diaries. Please check carefully which spelling list is being tested each week - but you are more than welcome to look ahead & practise the rest too. There are 20 spellings in total - 15 follow a 'spelling rule/pattern' and 5 are statutory spellings.

Spellings and Times Tables will be tested on Wednesdays. Children should practise both at home daily.

Curriculum:

R.E.

Our topics for R.E. this term are 'God's Covenant' and 'Reconciliation'.

God's Covenant Learning Focuses					
To know the story of the flood and the meaning behind it. To understand the meaning of a covenant.	To know and understand the significance of God's covenant with Abraham.	To understand that God guides and challenges His people. Reflect on the experiences of the Israelites.	To understand the covenant that God made with Moses and the Israelites and its significance to us today.	To know that God sent prophets to remind His people of His covenant.	To understand how the Incarnation is God's new covenant with us.

Reconciliation Learning Focuses					
To understand that actions have consequences and reflect on some consequences of actions.	To understand how Mary can help us in our relationship with God.	To know about God's love and forgiveness and reflect on what that means for us.	To understand the meaning of sin and reflect on its impact.	To know what happens in the Sacrament of Reconciliation.	To understand that God is always ready to forgive.

Science:

Our topic for this term until Easter is 'Materials'. Children will continue to develop their 'Working Scientifically' skills by planning, designing, undertaking and evaluating their own investigations.

Learning Focuses						
To understand how to group and compare everyday materials.	To understand how to define and group everyday materials.	To understand differences between solid, liquid and gas.	To explain what dissolving is and how a solution is formed.	To know how to recover a substance from a solution.	To understand how to separate mixtures using sieving, filtering and evaporating.	To understand what reversible and irreversible changes are.

Maths:

Our areas of focus up until Easter are fractions and decimals. Children will develop their fluency, reasoning and problem-solving skills in these areas.

Children will continue to be tested on their times tables weekly. Regular practise of these is very important and can have a great, positive impact on their Maths attainment.

Fractions					
Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths	Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number [for example $2/5 + 4/5 = 6/5 = 1$ whole and $1/5$]	Compare and order fractions whose denominators are multiples of the same number.	Add and subtract fractions with the same denominator and denominators that are multiples of the same number.	Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.	Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.
Decimals and Percentages					
Read, write, order and compare numbers with up to three decimal places. Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.	Round decimals with two decimal places to the nearest whole number and to one decimal place.	Solve problems involving number up to three decimal places. Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.	Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000	Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal.	Solve problems which require knowing percentage and decimal equivalents of $1/2$, $1/4$, $3/4$, $1/5$ $2/5$ $4/5$ and those fractions with a denominator of a multiple of 10 or 25.

Computing

Learning Focuses (Spring 2)					
To identify that drawing tools can be used to produce different outcomes.	To create a vector drawing by combining shapes.	To use tools to increase the complexity of vector drawings to achieve a desired effect.	To recognise and change layers in vector drawings.	To select and duplicate multiple objects to develop a vector drawing.	To create a vector drawing for a specific purpose using the skills learnt.

Geography:

Our geography topic is North America 'The land of Contrasts'.

Learning Focuses				
To name and locate countries in North America & describe some characteristics.	To be able to locate some cities in N America & their human & physical features.	To understand key aspects of physical geography (mountains). To be able to link this learning with the Rocky Mountains in N America.	To understand key aspects of physical geography (volcanoes). To link this learning with Mt St Helens in N America.	

English

Children will continue to develop their comprehension and writing skills through the study of our class texts. Children will also develop a greater understanding of Y5 grammar and punctuation.

Children will have the opportunity for free reading time in class & they will further develop their reading skills in guided reading sessions. However, we do recommend that children read at home with an adult daily.

Reading	Writing	SPAG
<p>Draw inferences such as inferring characters feelings, thoughts and motives from their actions & justify with evidence.</p> <p>Predict what might happen from details stated & implied.</p> <p>Identify how language, structure and presentation contribute to meaning.</p> <p>Ask questions to improve understanding.</p> <p>Identify themes and connections across books.</p>	<p>Identify & use layout devices e.g. bulletpoints, subheadings.</p> <p>Identify & use cohesive devices across paragraphs e.g. fronted adverbials.</p> <p>Create vivid imagery using similes, alliteration and metaphors.</p> <p>Identify when to use informal and formal language & the differences between these.</p> <p>Identify audience for and purpose of the writing.</p>	<p>Identify and use brackets, commas, & dashes to indicate parenthesis.</p> <p>To identify & use relative pronouns and clauses.</p> <p>To identify and use adverbials of time.</p> <p>To identify & use expanded noun phrases.</p> <p>To identify & use modal verbs, determiners and dashes.</p>

Design & Technology:

Our focus is celebrating culture and seasonality with savoury and sweet scones. There will also be a study of Jamie Oliver.

Learning Focuses (Spring 2)				
To be able to use sources to carry out research and sensory evaluations into existing products.	To research Jamie Oliver and his association with healthy eating.	To develop a design brief for a healthy savoury or sweet scone.	To be able to accurately measure and combine ingredients.	To be able to evaluate the final product against its intended purpose.

Art:

Learning Focuses			
For the first half term the focus will be Textiles & Collage.			
To be able to explore materials, texture and natural objects by making observational drawings.	To be able to use a range of materials to recreate the texture of a natural object.	To be able to analyse the work of Lesley Richmond and the techniques she uses.	To be able to create a simple loom using weaving techniques. To be able to use applique skills to represent a natural object.
For the second half term, the focus in Art will be on 3D.			
To be able to use and armature to support modelling of soft materials (papier mache).	To create a clay design & learn techniques to join clay pieces.	To create a decorative coil clay pot using 3D techniques.	

P.S.H.E

For the first half term, we will be focusing on Feelings and Emotions. In the second half we will move on to Healthy relationships and Valuing difference.

Learning Focuses					
On-line safety		Feelings and EmotionsP			
I can describe ways that information about anyone online can be used by others to make judgments about an individual and why these may be incorrect.	I can recognise online bullying can be different to bullying in the physical world and can describe some of those differences.	I can recognise the feelings of others and respond appropriately.	I know that there are different types of secrets and can make choices about how to deal with these.	I can tell the difference between a dare and a positive challenge and can respond appropriately.	I know that pressure comes in different forms, and what those different forms are; I can adopt strategies to resist pressure.
Healthy Relationships			Valuing difference		
Understand that we have different types of relationships with different people.	Understand the difference between relationships in person and on-line.	Recognise the difference between healthy and unhealthy relationships and know how to deal with any unhealthy relationships or attention.	Understand the impact of stereotyping.	Recognise ways that discrimination can occur and know how to challenge it.	

Music & French:

These will be taught by Mrs Dyer on Tuesday afternoons.

P.E

This will be taught by Mrs Dyer on a Tuesday and Mr Hurd with Mrs Hawes on a Friday.

We look forward to continuing to work with you. Should you ever have any questions or problems, please don't hesitate to make an appointment to see us or pop a note in the home-school diary.

Best Wishes,

Miss Godbold, Mrs Hawes and Mrs Taylor.