

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.

Times Tables will be tested on Fridays and spelling homework will go home on a Friday - due back in the following Friday. Children should practise times tables 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 is Forces and then Earth & Space.

Learning Focuses						
When is friction helpful and not?	What is the effect of air resistance?	Whats the effect of water resistance?	Who was Callileo Calleli?	What are the planets in our Solar Sytem?	How does the view of the moon change in a Lunar Month?	Why is Earth's tilt responsible for our seasons?

Maths:

In the Spring term, we will be extending our work on multiplication and division along with fractions. We will then move on to decimals and percentages, perimeter and area and statistics. 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.

Multiplication and division		Fractions		Decimals	
Multiply numbers up to 4 digits by a one or two digit number using a formal written method, including long multiplication for 2 digit numbers.	Divide numbers up to 4 digits by a one digit number using the formal written method of short division and interpret remainders appropriately for the context. Solve problems involving addition and subtraction, multiplication and division and a combination of these, including understanding the use of the equals sign.	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.	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.
Percentages		Area and Perimeter		Statistics	

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 $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{3}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25.	Measure and calculate the perimeter of composite rectilinear shapes in cm and m.	Calculate and compare the area of rectangles (including squares), and including using standard units, cm^2 , m^2 estimate the area of irregular shapes.	Complete, read and interpret information in tables including timetables	Solve comparison, sum and difference problems using information presented in a line graph.
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Computing

Learning Focuses					
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 affect.	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 4 and 6 figure grid references.

Learning Focuses		
To understand the difference between longitude and latitude.	To understand what are 4 and 6 figure grid references and how we use them.	To precisely describe locations, landmarks and places as a geographer.

History

Our History topic is Ancient Greeks (continued) and Maya & Anglo Saxons.

Learning Focuses			
Why was the theatre important to Ancient Greeks? What myths, legends and fables did the Greeks create?	Why were the Olympic games invented by the Ancient Greeks?	Where did the Maya live?	What were the significant events in the Maya history?

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

Design & Technology:

Our focus is is textiles and collage and then Food and Nurtition.

Learning Focuses The first half term our focus will be textiles and collage			Learning Focuses The next half term will be Food and Nutrition		
To be able to explore the properties of different fabrics and sort them.	To be able to explore what makes materials waterproof.	To be able to create a durable item with durable fabric.	To explore diets from different cultures (Asia)	To identify core ingredients of Asian cuisine and make an Asian dish (stir fry)	To explore Indian cuisine and how UK diets have been influenced.

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 & 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 Emotions			
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 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.

