Ford Class Overview – Summer 2024

Subject	What we will learn this half term	
English	Our class book this half term is Secrets of a Sun King by Emma Carroll We will use this book, alongside a range of fiction and non-fiction texts, to continue to develop our vocabulary and skills in inference, prediction, clarification and evaluation. This half term we will produce a range of writing including a newspaper report. And a narrative.	
Maths	Year 3 **COLUMN SUBTRACTION** ● Learn how to represent and apply the column subtraction algorithm ● Apply column subtraction to solve a range of questions and contexts representing different subtraction structures, including partitioning, reduction (taking away) and difference. ● Identify when exchange is required and how to represent and apply this. **FRACTIONS** ● Develop understanding that a whole can be made up of many parts and that many parts can make a whole. ● Introduced to the concept of equal and unequal parts. ● Compare the size of parts with different wholes and compare the relative size of a part to different wholes. ● Explore the relationship between the part, the whole	Year 4 **AREA AND PERIMETER** ● Introduced to the concept of perimeter and learn to measure perimeter with a piece of string. ● Recap units of measurement, focusing on cm and m, understanding that perimeter is measured in units of length. ● Measure perimeters using countable units, sticks or grid paper. ● Learn that perimeter is measured by adding together all sides of the side lengths of a shape the order does not matter. ● Use multiplication to find perimeters, and use division to find unknown side lengths, when working with regular polygons. ● Be introduced to the concept of area and learn that area can be calculated by counting square units. ● Understand that making a shape into whole square units is a useful way to calculate the area.

	and the number of parts, moving both from the whole to the part and from the part to the whole. ● Develop understanding of the connections between wholes and equal parts. ● Introduced to the word "fraction" considering unit fractions only. ● Learn how to write a fraction using the notation ¼ and how the denominator and the numerator of a fraction correspond to the parts within a whole. ● Learn the names of the fractions they have met so far.eg ¼ is one quarter. ● Apply fractions to the context of area, linear and quantitative (sets of objects) models. ● Compare and order fractions of the same whole. ● Reason how to create the whole from the knowledge of one part.	● Be introduced to square centimetres (cm^2) and square metres (m^2) ● Calculate areas of rectangles by multiplying together the length and width, and use division to find unknown side lengths when the area of a rectangle is known. ● Find the area of composite rectilinear shapes by splitting them into smaller rectangles. **WORKING ACROSS ONE WHOLE: IMPROPER FRACTIONS AND MIXED NUMBERS** ● Be introduced to the use of fractions for the quantities greater that one whole, initially as mixed numbers and then as improper fractions. ● Learn how to partition and combine fractional amounts greater than 1 whole.
Science	**Plants** Children will: ● Compare the effect of different factors on plant growth. ● Describe the functions of different parts of a flowering plant and how they are used in photosynthesis. ● Investigate the way in which water is transported within plants. ● Explore the part that flowers play in the life cycle of flowering plants. ● Understand the pollination process and the ways in which seeds are dispersed.	

Humanities (History & Geography)	**What were the similarities and differences between the earliest civilisations?** ● Why is ancient Sumer considered to be an early civilisation? ● What can we learn about Sumer from the Standard of Ur, and what *can't* we learn from it? ● In what ways was the Indus Valley civilisation similar to other early civilisations? ● In what ways was the Indus Valley civilisation different from other early civilisations? ● Why is Shang dynasty China considered to be an early civilisation? ● What are the similarities and differences between the ancient civilisations?
Art & D&T	**Structures : Constructing a castle** ● Features of a castle ● Designing a castle ● Nets and structures ● Building a castle
RE	**What kind of world did Jesus want?** ● Christians believe – Jesus challenges everyone about how to live – He sets the example for loving God and your neighbour, putting others first. ● Christians believe Jesus challenges people who pretend to be good (hypocrisy} and shows love and forgiveness to unlikely people. ● Christians believe Jesus' life shows what it means to love God (His father) and love your neighbour. ● Christians try to be like Jesus – they want to know him better and better. ● Christians try to put his teachings and example into practice in lots of ways, from church worship to social justice.
PSHE	**Why should we eat well and look after our teeth?** ● identify how everyday actions affect dental health ● describe ways to maintain good dental health

	● explain common risks to dental health and how to manage them
PE	This half term Ford Class will have swimming on a Wednesday and with NUFC on a Thursday (Net and Wall games)- children should come to school in their PE kit on Thursdays and remember to bring their swimming kit on Wednesdays. We will also run the daily mile every afternoon!
Computing	**Programming – A sequence of music** ● To explore a new programming environment ● I can identify that each sprite is controlled by the commands I choose ● To explain that a program has a start ● To recognise that a sequence of commands can have an order ● To change the appearance of my project ● To create a project from a task description
Music	**Composing – Using your imagination** Use your imagination when creating your compositions in this unit. What do you see when you close your eyes? Can you write a melody or find sounds that represent the story you want to tell? **Social Question:** How Does Music Make the World a Better Place? Explore this question as you progress through the unit. **Musical Learning:** Singing and listening are at the heart of each lesson. Play, improvise and compose using a selection of these notes: C, D, E, F, F♯, G, G♯, A, B Reading notation is introduced as an option in year 3.
French	

<u>Useful Links</u>

Maths:

http://www.bbc.co.uk/bitesize/ks2/maths/
http://www.topmarks.co.uk/maths-games/7-11-years
https://play.prodigygame.com/
https://play.ttrockstars.com/ttrs/dashboard
Times tables games - Learn them all here!
English:

http://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar
https://www.spellingshed.com/en-gb/index.html
ReadTheory | Free Reading Comprehension Practice for Students and Teachers