

**UNIT TITLE:
Unit organiser**

Class 2 - Year 3,4,5 and 6

Knowledge and Skills: The bigger picture

<p>Maths Year 3/4</p>	<p>Add lengths Subtract lengths What is perimeter? Measure perimeter Calculate perimeter</p>	<p>Understand the denominator of fractions Compare and order fractions Understand the numerators of non-unit fractions. Understand the whole. Compare and order non- unit fractions.</p>	<p>Fractions as scales. Fractions on a number line Count in fractions on a number line. Equivalent fractions on a number line. Equivalent fractions as a bar model</p>	<p>Use scales Measure mass in grams Measure mass in kilograms and grams Equivalent masses Compare mass</p>	<p>Add and subtract mass Measure capacity and volume in millilitres. Measure litres and millilitres Equivalent capacity. Compare capacity and volume. .</p>	<p>Add fractions Subtract fractions Partitions the whole unit-fractions of a set objects Non-unit fractions of a set of objects.</p>
	<p>Perimeter of rectilinear shapes, Find missing lengths in rectilinear shapes. Calculate the perimeter of rectilinear shapes. Perimeter of regular polygons Perimeter of polygons</p>	<p>Understand the whole. Count beyond 1. Partition a mixed number. Number lines with mixed numbers. Compare and order mixed numbers.</p>	<p>Understand improper fractions Convert mixed numbers to improper fractions. Equivalent fractions on a number line. Equivalent fraction families.</p>	<p>Add two or more fractions. Add fractions and mixed numbers. Subtract two fractions Subtract from whole amounts. Subtract from mixed numbers.</p>	<p>Tenths as fractions Tenths as decimals Tenths on a place value chart Tenths on a number line Divide a 1-digit number by 10.</p>	<p>Divide a 2-digit number by a 10. Hundredths as fractions. Hundredths as decimals. Hundredths on place value chart. Divide a 1- or 2- digit number by 100.</p>

<p>Maths 5/6</p>	<ul style="list-style-type: none"> - Decimals up to 2 decimal places - Equivalent fractions and decimals (tenths) - Equivalent fractions and decimals (hundredths) - Equivalent fractions and decimals - Thousandths as fractions 	<p>Step 6 Thousandths as decimals</p> <p>Step 7 Thousandths on a place value chart</p> <p>Step 8 Order and compare decimals (same number of decimal places)</p> <p>Step 9 Order and compare any decimals with up to 3 decimal places</p> <p>Step 10 Round to the nearest whole number</p>	<p>Round to 1 decimal place</p> <p>Understand percentages</p> <p>Percentages as a fraction</p> <p>Percentages as a fraction</p> <p>Percentages as a decimal</p> <p>Equivalent fractions, decimals and percentages.</p>	<p>Perimeter of rectangles</p> <p>Perimeter of rectangular shapes</p> <p>Perimeter of polygons</p> <p>Areas of rectangles</p> <p>Area of compound shapes</p>	<p>Estimate area</p> <p>Draw line graphs</p> <p>Read and interpret tables</p> <p>Two way tables</p> <p>Read and interpret timetables.</p> <p>Understand and use degrees.</p>	<p>Classify angles</p> <p>Estimate angles</p> <p>Measure angles up to 180</p> <p>Draw lines and angles accurately.</p>
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	Scale drawings Scale factors Similar shapes Ratio problems	Proportion problems Recipes 1 step function 2 step function Form expressions	Substitutions Formulae Form equations Solve 1 step problems Solve 2 step problems	Find pairs of values Solve two unknowns Place value within 1 Place value integers and decimals Multiply by 10,100 and 1000	Divide by 10, 100 and 1000 Multiply by decimals and integers Divide decimals by integers. Multiply and divide decimals in context.	Decimal and fraction equivalents Fractions as decimals Understand percentages Fractions to percentages Equivalent fractions, percentages and decimals.
Reading	Children will be accessing texts, developing their reading stamina and answering questions on the texts they have read.	Children will be accessing texts, developing their reading stamina and answering questions on the texts they have read.	Children will be accessing texts, developing their reading stamina and answering questions on the texts they have read.	Children will be accessing texts, developing their reading stamina and answering questions on the texts they have read.	Children will be accessing texts, developing their reading stamina and answering questions on the texts they have read.	Children will be accessing texts, developing their reading stamina and answering questions on the texts they have read.
Writing 3 week narrative writing 3 week non-fiction 1 week poetry	Children will be uplevling their writing and looking at adverbials, adjectives, feelings and conjunctions.	Children will be focussed on onomatopoeia, simile and inner thoughts stacking sentences to improve their writing.	Children will be looking at stacking sentences whilst improving thier use of dialogue.	Children will be independently writing their own narrative using the stacking sentences as an example.	Children will be writing and improving their non-fiction writing style.	Children will be uplevling their writing focusing on complex sentences, bullets, adverbials and precise adjectives.

<p>Writing</p> <p>5/6</p>	<p>Alma Retelling</p>		<p>Alma Diary Newspaper</p>		<p>Planets</p>	<p>Planets</p>	<p>SATS Week</p>
<p>Science</p> <p>Light</p>	<p>What Is a force?</p> <p>I can compare how different things move.</p>	<p>Do objects move the same on different surfaces?</p> <p>I can plan and conduct a fair test to compare how objects move on different surfaces.</p>	<p>How do magnetic forces work?</p> <p>I can explore how magnetic forces act at a distance</p>	<p>Which materials are magnetic?</p> <p>I can compare and group various everyday materials based on whether they are attracted to a magnet.</p>	<p>Do magnets attract each other?</p> <p>I can predict whether two magnets will attract or repel each other.</p>		
<p>Science</p> <p>Year 5 & 6</p> <p>Space</p>	<p>Children will be learning the names of the planets in the solar system.</p>	<p>Children will be exploring how we know that the earth is a sphere.</p>	<p>Children will be exploring the movements of the planets.</p>	<p>Children will be looking at and exploring the movement of the moon.</p>	<p>Children will be exploring the cycle of Night and Day.</p>	<p>Children will be investigating whether the moon changes shape.</p>	

Geography Changes in our local area.	Children will be looking at our school site and thinking about current landmarks in Rawcliffe Bridge.	Children will be looking at Croda, when it was built and changes it brought for the Village.	Children will be exploring the old military base and how it has changed over time.	Children will be looking at Sugar mill ponds and the canal looking at when they were built and what changes they will have brought for the village.	Children will explore the future plans to develop a solar farm near the Village and consider whether it will be a good or bad addition to the village.	
Computing 3/4 Coding Checking algorithms Online bullying 3/4	Children will be planning a trailer for a book.	Children will be taking photos or videos that start to tell a story.	Children will be editing the video.	Children will be adding transitions to a video.	Children will be evaluating video editing.	
Micro bit 5/6	Children will be tinkering with BBC Micor:bit	Children will be programming an animation,	Children will be creating a polling program and recognising coding structures.	Children will be programming a pedometer and creating a programme for a specific task.	Children will be programming a scoreboard.	Children will be using iMovies to create and clip together a music video.

<p>Art Painting Rousseau</p>	<p>Children will be learning about the life and style of Rousseau.</p>	<p>Children will be recapping the basics of using water paints, making primary-colours and mixing colours.</p>	<p>Children will be continuing to develop their ability to paint, carefully matching colours, then using careful techniques to carefully apply paint with a brush.</p>	<p>Children will be continuing to develop their skills with a brush learning the uses of different size brushes and practising making different effects with paint.</p>	<p>Children will be applying their learning to paint a landscape, selecting a background colour, applying it with a good colour change and texture.</p>	<p>Children will apply their understanding to paint the foreground on their painting and continue to develop their painting skill.</p>
<p>Languages 3/4 - animals Memorisation</p>	<p>Children will learn memorisation strategies in French.</p>	<p>Children will learn memorisation strategies in French.</p>	<p>Children will learn je m'appelle, et toi,</p>	<p>Children will learn names in French.</p>	<p>Children will learn to pronounce phonemes I, in, eu, th</p>	
<p>Languages 5/6 -weather Traditional tales</p>	<p>Children will be describing the weather in French.</p>	<p>Children will be learning how to extend with si and quand.</p>	<p>Children will learn how to use the future tense in French.</p>	<p>Children will learn the phoneme 'a' and 'qu'.</p>	<p>Children will revise hobbies and animals in French.</p>	
<p>Music</p>	<p>Children play the glockenspiels together as a class band.</p>	<p>Children expand their notes learning C, F, D and E</p>	<p>Children will apply their skills and notes to play as a whole class ensemble again.</p>			

<p>PE + Hull FC</p>	<p>Children will be learnign the importance of speed and accuracy when throwing a dodgeball.</p>	<p>Children will be de-veloping their ability to ‘dodge’ a ball being thrown.</p>	<p>Children will devel-op their catching ability and learning the rules of dodgeball.</p>	<p>Children will be fur-ther developing their ability to dodge, catch and apply the riles of dodgeball effectively.</p>	<p>Children will devel-op their tactical awareness when playing dodgeball and apply it to a game.</p>	<p>Children will apply all skills to a game of dodgeball.</p>
<p>RE Justice and freedom.</p>	<p>Children explore what does it mean to be fair?</p>	<p>Children exploring whether one person can make a difference?</p>	<p>Children consider what freedom means to people of different faiths?</p>	<p>Children consider what the world be like without forgive-ness?</p>	<p>Children explore what religions teach about forgiveness.</p>	<p>Children learn about reconciliation.</p>
<p>PSHE/RSE Celebrating differences.</p>	<p>Children will be learning the importance of being kind online.</p>	<p>Children will be learning that cyber-bullying involves being mean online.</p>	<p>Children will be learning the benefits and risks of sharing information online.</p>	<p>Children will be de-veloping their under-standing of privacy and the deference between secrets and surprises.</p>	<p>Children will be learning how to help if someone has been stung or bitten.</p>	<p>Children will be un-derstanding the role they can take in an emergency situation.</p>
<p>PHSE Year 5/6 Celebrating differences</p>	<p>Children will be re-covering and under-standing issues related to online friendship.</p>	<p>Children will be re-capping how to stay safe online.</p>	<p>Children will be learning how to help someone who is choking.</p>	<p>Children will be learning the risks of alcohol.</p>	<p>Children will be be-ginning to under-stand the influence other have on us and how we can make decisions.</p>	

Fed Vision/ Pledges						