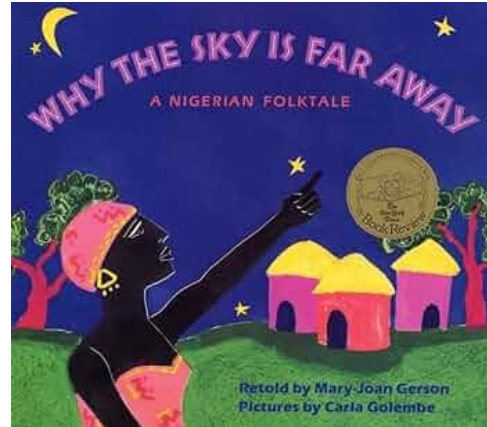
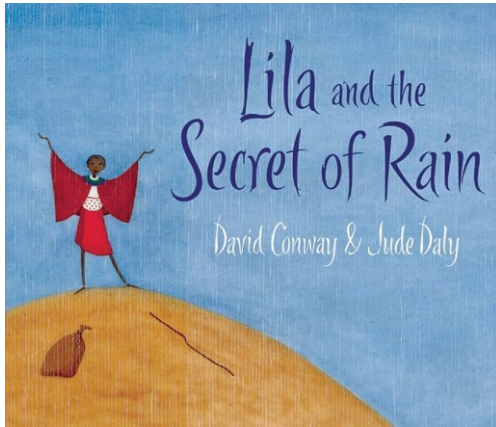


English

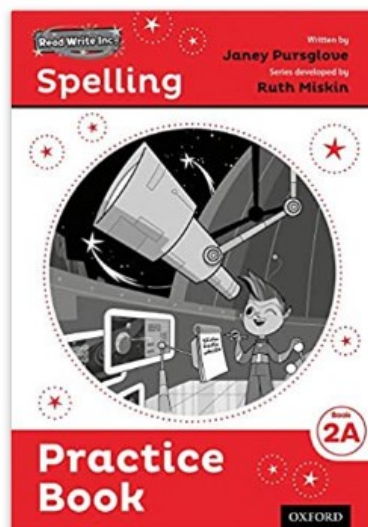
In English, we will be focusing on two books this term, 'Lila and the Secret of Rain' by David Conway and 'Why the Sky is Far Away' by Mary-Joan Gerson. Later on in the term, we will be exploring and learning about different African folk tale stories and will eventually write our own one.



For Guided Reading, we will be following the Talk through Stories programme. Each week we will be reading a different story.


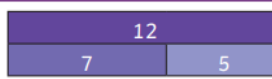

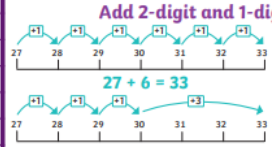
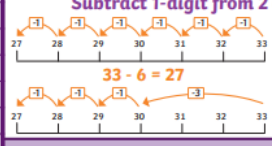

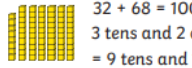
We will be continuing our daily SPAG (spelling and grammar) lessons. Our spelling focus will be:


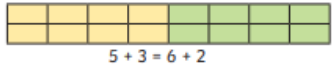
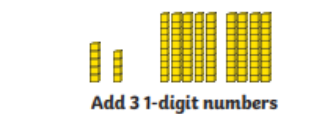
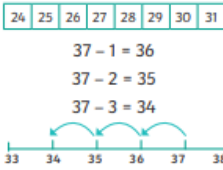

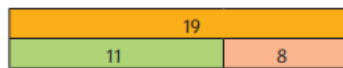
- The n sound spelt kn and gn
- The igh sound spelt y
- Adding the suffix -ing
- The j sound
- The o sound spelt a after w and qu
- Adding the suffix -ed



Mathematics

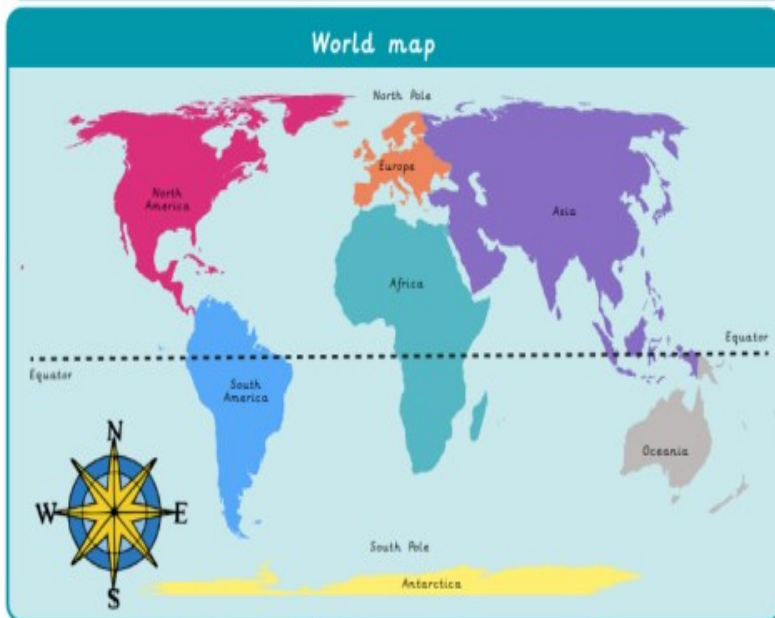
In Maths, we will be developing our knowledge of addition and subtraction.

Addition and Subtraction	Knowledge Organiser
<p>Key Vocabulary</p> <ul style="list-style-type: none"> Add Total Make Plus Sum More Altogether Difference Leave Subtract Difference between Less Minus Take away Mentally, Orally Column Addition Column Subtraction Estimate Inverse operation Solve problems Number facts Place Value 	<p style="text-align: center; background-color: #4a86e8; color: white; padding: 5px;">Addition and Subtraction Bonds to 20</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>$15 + 5 = 20$ $20 - 5 = 15$ $20 - 15 = 5$</p> </div> <div style="text-align: center;">  <p>$7 + 5 = 12$ $12 - 5 = 7$ $12 - 7 = 5$</p> </div> </div> <div style="text-align: center; margin-top: 10px;">  <p>$4 + 3 = 7$ $15 - 7 = 8$</p> </div> <p style="text-align: center; background-color: #4a86e8; color: white; padding: 5px;">Methods</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center; background-color: #4a86e8; color: white; padding: 5px;">Add 2-digit and 1-digit</p>  <p style="text-align: center;">$27 + 6 = 33$</p> </div> <div style="width: 30%;"> <p style="text-align: center; background-color: #4a86e8; color: white; padding: 5px;">Add 2-digit numbers</p> <p>$34 + 28 = 62$</p> <p>3 tens and 4 ones add 2 tens and 8 ones equals 5 tens and 12 ones becomes 6 tens and 2 ones</p> </div> <div style="width: 30%;"> <p style="text-align: center; background-color: #4a86e8; color: white; padding: 5px;">Subtract 2-digit numbers</p> <p>$62 - 28 = 34$</p> <p>6 tens and 2 ones becomes 5 tens and 12 ones subtract 2 tens and 8 ones equals 3 tens and 4 ones</p> </div> </div> <div style="text-align: center; margin-top: 10px;">  <p style="text-align: center;">$33 - 6 = 27$</p> </div> <p style="text-align: center; background-color: #4a86e8; color: white; padding: 5px;">Addition and Subtraction Bonds to 100</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>$2 + 8 = 10$ so $20 + 80 = 100$</p>  </div> <div style="text-align: center;"> <p>$32 + 68 = 100$ 3 tens and 2 ones + 6 tens and 8 ones = 9 tens and 10 ones = 10 tens = one hundred</p>  </div> </div>

Addition and Subtraction	Knowledge Organiser																																																												
<p style="text-align: center; background-color: #4a86e8; color: white; padding: 5px;">Mental Methods</p> <p style="text-align: center; background-color: #4a86e8; color: white; padding: 5px;">Compare Number Sentences</p>  <p style="text-align: center;">$6 + 4 < 6 + 5$</p>  <p style="text-align: center;">$5 + 3 = 6 + 2$</p> <p style="text-align: center; background-color: #4a86e8; color: white; padding: 5px;">Related facts</p> <p style="text-align: center;">$5 + 4 = 9$ so $50 + 40 = 90$</p>  <p style="text-align: center;">Add 3 1-digit numbers</p> <p style="text-align: center;">$9 + 5 + 3 = 17$</p>	<p style="text-align: center; background-color: #4a86e8; color: white; padding: 5px;">More or Less/ Add and Subtract 1s and 10s</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center; background-color: #4a86e8; color: white; padding: 5px;">Add and subtract 1s</p> <p>$24 + 1 = 25$ $24 + 2 = 26$ $24 + 3 = 27$</p>  <p style="text-align: center;">$37 - 1 = 36$ $37 - 2 = 35$ $37 - 3 = 34$</p> <p>There are 7 flowers in a vase. One more is added. Now there are 8 flowers.</p>  </div> <div style="width: 30%;"> <p style="text-align: center; background-color: #4a86e8; color: white; padding: 5px;">10 More or Less</p> <table border="1" style="width: 100%; text-align: center; font-size: small;"> <tr><td>30</td><td>40</td><td>50</td><td>60</td><td>70</td><td>80</td></tr> <tr><td>47</td><td>57</td><td>67</td><td>77</td><td>87</td><td>97</td></tr> </table> <p style="text-align: center; font-size: x-small;">The ones digit stays the same.</p> <table border="1" style="width: 100%; text-align: center; font-size: x-small;"> <tr><th>10 less</th><th>Number</th><th>10 more</th></tr> <tr><td>1</td><td>11</td><td>21</td></tr> <tr><td>34</td><td>44</td><td>54</td></tr> </table> <p style="text-align: center; font-size: x-small;">Take care when crossing hundreds:</p> <table border="1" style="width: 100%; text-align: center; font-size: x-small;"> <tr><td>86</td><td>96</td><td>106</td><td>116</td></tr> </table> </div> <div style="width: 30%;"> <p style="text-align: center; background-color: #4a86e8; color: white; padding: 5px;">Add and Subtract 10s</p> <table border="1" style="width: 100%; text-align: center; font-size: x-small;"> <tr><td>10</td><td>30</td><td>50</td><td>70</td><td>90</td></tr> <tr><td>3</td><td>33</td><td>63</td><td>93</td><td></td></tr> </table> <table border="1" style="width: 100%; text-align: center; font-size: x-small;"> <tr><th>Tens</th><th>Ones</th><td></td></tr> <tr><td>2</td><td>7</td><td>27</td></tr> <tr><td>2</td><td>7</td><td>+ 40</td></tr> <tr><td colspan="2" style="border-top: 1px solid black;"></td><td>67</td></tr> <tr><td>7</td><td>2</td><td>72</td></tr> <tr><td>7</td><td>2</td><td>- 30</td></tr> <tr><td colspan="2" style="border-top: 1px solid black;"></td><td>42</td></tr> </table> <p style="text-align: center; font-size: x-small;">Crossing hundreds:</p> <table border="1" style="width: 100%; text-align: center; font-size: x-small;"> <tr><td>74</td><td>94</td><td>114</td><td>134</td></tr> </table> </div> </div> <p style="text-align: center; background-color: #4a86e8; color: white; padding: 5px;">Check Calculations</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  <p>$19 - 8 = 11$ can be checked using $8 + 11 = 19$</p> </div> <div style="width: 30%;"> <p>$32 + 5 = 82$ x Spot that 5 tens have been added not 5 ones</p> <p>$28 - 26 = 12$ x Spot that 28 and 26 are very close together, so difference won't be 12.</p> </div> <div style="width: 30%;"> <p>$37 - 4 = 41$ x Spot that if subtracting 4 the answer will be smaller.</p> <p>$68 - 40 = 64$ x Spot that 4 ones have been subtracted and not 4 tens.</p> </div> </div>	30	40	50	60	70	80	47	57	67	77	87	97	10 less	Number	10 more	1	11	21	34	44	54	86	96	106	116	10	30	50	70	90	3	33	63	93		Tens	Ones		2	7	27	2	7	+ 40			67	7	2	72	7	2	- 30			42	74	94	114	134
30	40	50	60	70	80																																																								
47	57	67	77	87	97																																																								
10 less	Number	10 more																																																											
1	11	21																																																											
34	44	54																																																											
86	96	106	116																																																										
10	30	50	70	90																																																									
3	33	63	93																																																										
Tens	Ones																																																												
2	7	27																																																											
2	7	+ 40																																																											
		67																																																											
7	2	72																																																											
7	2	- 30																																																											
		42																																																											
74	94	114	134																																																										

Would you prefer to live in a hot or cold place?

Geography will be the main theme leading other curriculum learning during the term.



Vocabulary (word)	Definition (meaning)
country	land separated by a border
continent	massive area of land separated by water or other features
Equator	imaginary line around the middle of Earth
physical feature	natural things e.g rivers, seas
human feature	things humans have built e.g. roads
climate	average weather
temperature	measure of how hot or cold
polar	temperatures below freezing, icy and cold
temperate	temperatures are in the middle
tropical	near the Equator so always warm
vegetation	plant life



UK

What is the same?
What is different?



Kenya



North Pole





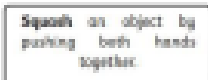
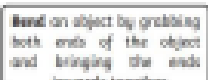










South Pole

Science

Y2 - Uses of everyday materials

Prior Learning	
1	<ul style="list-style-type: none"> Distinguish between an object and the material from which it is made. Identify and name a variety of everyday materials, including wood, plastic, glass, water and rock. Describe the simple physical properties of a variety of everyday materials. Compare and group together a variety of everyday materials on the basis of their physical properties.
I can	
	<ul style="list-style-type: none"> Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular purposes Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

Key Knowledge

 wood: hard, stiff, strong, splinter, can be carved into any shape.	 glass: waterproof, transparent, hard, smooth.	 Squash an object by pushing both hands together.	 Bend an object by grabbing both ends of the object and bringing the ends inwards together.
 plastic: strong, waterproof, can be made to be flexible or stiff, smooth or rough.	 metal: strong, hard, easy to wash.	 Twist an object by turning your hands in opposite directions.	 Stretch an object by pulling your hands slowly and gently apart.
 paper: lightweight, flexible.	 cardboard: strong, light, stiff.	 Twist an object by turning your hands in opposite directions.	 Stretch an object by pulling your hands slowly and gently apart.
 fabric: flexible, hard-wearing, can be stretchy, soft, warm, absorbent.	 rubber: hard-wearing, elastic, flexible, strong.		

 wood	 plastic	 glass	 metal
 fabric	 hard	 soft	 smooth
 rough	 dull	 bendy	 transparent

Vocabulary (word)	Definition (meaning)
materials	what objects are made from
properties	what a material is like
suitability	if it's right for a certain purpose
investigate	to find out about
observe	to watch and record what you see

PSHE
What is bullying?

RE
How and why do we celebrate special and sacred times?

COMPUTING
Robot algorithms

This unit develops pupils' understanding of instructions in sequences and the use of logical reasoning to predict outcomes. Pupils will use given commands in different orders to investigate how the order affects the outcome.

Pupils will also learn about design in programming. They will develop artwork and test it for use in a program. They will design algorithms and then test those algorithms as programs and debug them.

ART
Painting and mixed media: Life in colour

You will learn to:

- Develop knowledge of colour mixing.
- Know how texture can be created with paint.
- Use paint to explore texture and pattern.
- Compose a collage, choosing and arranging materials for effect.
- Evaluate and improve artwork.

DT
Structures: Baby Bear's chair

You will learn to:

- Explore the concept and features of structures and the stability of different shapes.
- Understand that the shape of the structure affects its strength.
- Make a structure according to design criteria.
- Produce a finished structure and evaluate its strength, stiffness and stability.

PE
Ball Skills (outside – Tuesday)

In this unit, pupils will develop their fundamental ball skills such as throwing and catching, rolling, hitting a target, dribbling with both hands and feet and kicking a ball. Pupils will have the opportunity to work independently, in pairs and small groups.

Dance/Swimming (inside – Thursday)

Dance:

Pupils will explore space and how their body can move to express an idea, mood, character or feeling. They will expand their knowledge of travelling actions and use them in relation to a stimulus. They will build on their understanding of dynamics and expressions. They will use counts of 8 consistently to keep in time with the music and a partner.

Swimming:

Attenborough will begin their swimming lessons this term.

MUSIC
Swing on Shostakovich with Mrs Higgins

You will learn to:

- Find the beat and mark it with body percussion.