

Year 6



Learning for the week beginning Monday 29th June

Monday

Maths

LO: To add decimal numbers
Book: KS2 Maths SATs Buster Arithmetic
Task: Adding Decimals - complete pages 24 and 25
Remember to:

- Line up the decimal points when using a column method
- Add the smallest value column first and move from right to left
- Add the value that you 'regroup' if digits add to more than 9

Mathletics: 15 minutes
TTRS: 15 minutes

English

LO: To write a setting description
Task: Use the adjectives and hyphenated words that you came up with last week to create a setting description about where Stanley is. Consider how you can use the 5 senses to really create an impactful description of where Stanley is. You should aim to use different sentence openers so that your writing is varied and interesting to read. Try to start sentences with fronted adverbials of time and place.

Guided Reading

LO: To create a vocabulary grid
Task: Read chapters 37 and 38. Choose 4 different words which you are unsure of and would like to find out the meaning to. Create 4 vocabulary grids. Either draw your own or use the one provided.

Humanities

L.O: Geography - Map Skills

A **map** is a bird's eye view of a place. Map makers try and make their maps as accurate as possible.

Younger Children:

Choose a room in your house, for example your bedroom, the kitchen or the living room. Imagine what it would look like from above. Try and draw what you would see if you were looking down on the room from above. Talk about your map with an adult and use **positional language** to describe what you can see, e.g. the bed is **next** to the window, the door is **opposite** the table, the chair is **far** from the bed.

Older Children:

Choose a room in your house, you are going to draw a map of the room **to scale**. This means that the measurements of your map represent the true size of the room and the objects in real life.

	<ul style="list-style-type: none"> ● Measure the length and width of your room with a tape measure or use your feet - How many steps long is your room? How many steps wide? ● Choose a scale for your map - e.g 1 step could be 2cm on the map of your room, so if your room is 7 steps long you would draw it 14cm long. Or if you have measured your room, 100cm (1m) in real life could be 5cm on your map, so if your room is 4m long it would be 20cm on your map. ● Once you have drawn the shape of the room, measure each object, e.g. the bed, the table, the wardrobe, the chair, in the same way. Draw each object to scale in the correct place in the room. ● Remember to write the scale on your map e.g. 1 step: 2cm <p>Challenge: Search your house for a map. Look at the map and find the scale. Ask an adult to help you understand what the scale means. Can you measure between two points on the map and use the scale to work out what the actual measurement is?</p>
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Tuesday	
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Maths	<p>LO: To multiply - Short Multiplication Book KS2 SAT Buster Arithmetic Task 1: Complete pages 13 and 14 Task 2: Common Multiples White Rose 100 Square for Task 2</p>
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English	<p>LO: To edit your setting description Task: Look over your setting description from yesterday. How can you uplevel it to make it better? Check spelling and punctuation, sometimes it helps to read your work aloud so you can hear when you need to put in a full stop or a comma if you are taking a breath.</p>
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Guided Reading	<p>LO: To ask questions Task: Did you have any predictions or questions when you first started reading? Which questions are still unanswered? Write down some questions that you have about the book and the ending of the book. Think about what you would still like to know and consider how you can turn those thoughts into questions.</p>
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Science	<p>L.O: Which shape is the strongest shape? Fold a piece of paper into different shapes eg: Cuboid, Cylinder, Triangular Carefully place a flat object eg. paper or book on top of each shape. Slowly, increase the mass of the objects balancing. Which shape is the strongest?</p> <div style="display: flex; justify-content: center; gap: 10px;"> <div style="border: 2px solid purple; border-radius: 15px; padding: 5px; background-color: #e6e6ff;">Question</div> <div style="border: 2px solid green; border-radius: 15px; padding: 5px; background-color: #e6ffe6;">Predict</div> <div style="border: 2px solid cyan; border-radius: 15px; padding: 5px; background-color: #e6ffff;">Observe</div> <div style="border: 2px solid yellow; border-radius: 15px; padding: 5px; background-color: #ffffe6;">Record</div> <div style="border: 2px solid red; border-radius: 15px; padding: 5px; background-color: #ffe6e6;">Analyse</div> <div style="border: 2px solid orange; border-radius: 15px; padding: 5px; background-color: #ffe680;">Report</div> </div>
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Younger children: Create a table with your predictions of which shape would be strongest. Then record what you found out. Eg:

Shape	Prediction	Result
	Strongest	3rd strongest - 5 books balanced.

Older children: Record your prediction and results in a table and a bar chart. Then investigate if the length of the shape makes a difference. Eg. 5cm tall or 10cm tall?

Challenge: Create a bridge out of newspaper (or spaghetti and marshmallows) between 2 chairs. How long can your bridge go? How strong is your bridge? Can a toy car drive smoothly across it?

Did you know? *Civil Engineers are people who design and build bridges and other large structures. They carefully investigate which shapes and materials will be strongest and not collapse.*

Isambard Kingdom Brunel is famous for building the first iron bridge, the first tunnel under a river and lots more.

The longest bridge in the world is 165 km long!

Next lesson: For next week's lesson you will need an empty plastic bottle!

Wednesday

Maths

LO: To prove a mathematical concept - Square Subtraction

Last week you were asked to try to make a square number by adding together two primes. But what happens when you square a number and then subtract the number you started with?

Choose any number. This is going to be your particular number for this proof.

Square your chosen number. Subtract your starting number.

Is the number you're left with odd or even?

Create a visual model or a picture of your calculation, using your chosen number, and examine this model carefully.

You could use dots on a sheet of paper, pennies or cubes if you have them

Can you use this one model to prove that your result is **always true** and not just true for the particular number that you chose to start with?

Alternative Challenge:

[Square and Cube Numbers White Rose](#)

English	<p>LO: To create an image based around what you have read.</p> <p>Task: Read chapter 39. Stanley is now in a meadow (a piece of grassland or low ground near a river). Draw a picture of what you imagine it to look like where Stanley is. Remember to think about how high up he is and what it would look like below him.</p>
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Art/DT	<p>LO: To create a collage in the style of Rousseau.</p>  <p>You need a large piece of paper, or you could tape 2 pieces of A4 together (with the tape on the back!).</p> <p>Do a speed wash in paint, preferably watercolour. Wet the paper and quickly paint the top half blue and the bottom half green, set it aside to dry.</p> <p>You need jungly coloured paper (greens, yellows, browns, reds). If you want to, you can make some of your own coloured paper with paints and leave them to dry. Or use plain paper</p> <p>Draw on the back of the paper so there will be no pencil marks in your final artwork. I made grasses, bushes, trees, leaves and flowers.</p>
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Thursday

Maths	<p>LO: To multiply - Long Multiplication</p> <p>Book KS2 SAT Buster Arithmetic</p> <p>Task 1: Complete pages 15 and 16</p> <p>Task 2: Long Multiplication White Rose</p>
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Guided Reading and English	<p>LO: To infer a character's feelings</p> <p>Task: Reread chapter 39. What do we learn about Zero and the shoes?</p> <p>Imagine you are Zero, how would you have been feeling knowing Stanley has only been at the camp because of you?</p>
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	Write a paragraph to summarise your thoughts and feelings.
RE	<p>L.O: Friendship</p> <p>Read the story of 'Elijah and Elisha's friendship' from the Bible - (2 Kings 2 Chapter 1 - 18) or listen to the story: https://www.youtube.com/watch?v=Faf-K4qe-W0</p> <p>Choose one of the following activities to do:</p> <ul style="list-style-type: none"> ● Create a friendship recipe - What makes a good friend (1 cup of happiness, 2 sprinkles of trust etc.) ● Create a friendship poster that could be put up at school - Include some top tips for being a good friend and how to make new friends ● What is a true friend? Explain how Elisha and Elijah showed that they were true friends to each other, what qualities did they show that you would like to see in your own friendships? <p>Reflection - Thank God for the friends you have. Is there something special you could do for a friend, even if you haven't seen them for a while, to let them know that you value their friendship?</p>
Friday	
Maths	<p>LO: To use coordinates - Treasure Hunt</p> <p>Can you find the hidden treasure?</p> <p>The treasure has been hidden somewhere on this beach, where the grid lines intersect (cross).</p> <p>Input coordinates to help find the treasure with the fewest guesses. The interactivity gives you the shortest distance you'd have to travel (along the grid lines) to reach the treasure.</p> <p>Can you find a reliable strategy for choosing coordinates that will locate the treasure in the minimum number of guesses?</p> <p>Use this link to begin your treasure hunt: https://nrich.maths.org/6288</p>
Guided Reading	<p>LO: To infer a character's thoughts</p> <p>Task: Read chapter 40. Pretend you are Stanley - what thoughts do you have when you find the shovel?</p>
English	<p>LO: To create a persuasive poster</p> <p>Task: In chapter 40 we find out that Sam's onions can be a cure for many ailments. Create a poster as an advertisement for Sam's onions to try and persuade people to buy them. Remember to include:</p> <ul style="list-style-type: none"> ● Persuasive phrases ● Interesting adjectives ● Bold images

- Pictures
- A slogan

PSHE

Week 5: To understand how to keep our teeth clean

It's really important to brush your teeth at least twice daily. Most people do this in the morning and before they go to bed. Strong, healthy teeth help you chew the right foods to help you grow; they help you speak clearly and yes, they help give you a lovely smile.

Younger Children: Draw a picture of somebody with a beautiful, healthy smile. Write down 3 things you should do to keep your teeth healthy.

Older Children: We all know that brushing your teeth is important but do you know why? What does brushing your teeth actually do to them and is there a right or wrong way to do it? Research why it is important to brush your teeth and write down your 5 top tips for keeping your teeth healthy.

Challenge: Can you find the answers to these questions:
Has the advice for brushing your teeth always been the same?
When was the toothbrush invented?
When was toothpaste invented?