






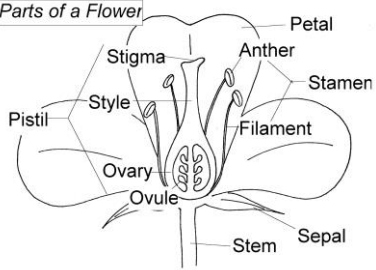












**Year Three Home Learning Grid Spring Term: Mother Nature**

Over the Spring term please choose one activity to complete per week. The activities are split across 5 areas, each with a different skills focus. You must choose at **least one** of the **activities from each of the different subjects over this whole term**. You can choose the order in which you complete these activities. Please hand in one piece of work on the Monday of each week. **Remember, presentation is important!**  
**Additional maths activity:** Feel free to also complete one of the suggested additional Maths activities, per week.

1. English	2. Mathematics	3. Science	4. Art	5. Geography
<p><b>Alternate Traditional Tales</b></p> <p>Pick one of your favourite traditional tales, for example:</p> <ul style="list-style-type: none"> <li>• Little Red Riding Hood</li> <li>• Cinderella</li> <li>• Goldilocks</li> <li>• Hansel and Gretel</li> <li>• The Gingerbread man</li> </ul> <p>Re-write your chosen story in your own words. You may change the characters, setting, write it from a different view point or change what happens. Try to be adventurous with your vocabulary and remember to use paragraphs to organise your writing. You might choose to illustrate your story.</p> 	<p><b>My Maths – Subtraction in Columns</b></p> <ol style="list-style-type: none"> <li>1. Go to <a href="http://www.mymaths.co.uk">www.mymaths.co.uk</a></li> <li>2. Login at the top of the page with the school's username and password.</li> <li>3. On the next page enter your personal username and password in the 'My Portal' box.</li> <li>4. Select homework and 'Mental addition and subtraction' task.</li> <li>5. Use the 'Need Practice?' section first and read through together.</li> <li>6. Then press 'Start Homework' and complete the task!</li> </ol> 	<p><b>Plants</b></p> <p><b>These three plant and nature activities could be left until later on in the term, when Spring has truly sprung!</b></p> <p>Can you find or draw the 5 leaves of our Grove Road Houses?</p> <p>Acer - Sycamore          Quercus - Oak          Aesculus - Chestnut          Sorbus - Rowen          Betula – Silver Birch</p>  <p>You could stick in/draw each of these leaves and label them. Then write a couple of sentences about how to identify them. If you can't find the leaves outside, maybe you could find them on the internet and print them out or draw them.</p>	<p><b>Andy Goldsworthy</b></p>  <p>Andy Goldsworthy is a British sculptor, photographer and environmentalist producing site-specific sculpture and land art situated in natural and urban settings.</p> <p>Can you find out about Andy Goldsworthy and his work and then create your own nature collage in the style of Andy Goldsworthy. You may want to go on a walk and gather natural objects and arrange them into a sculpture and photograph it.</p> <p>If you happen to be visiting Surrey, you could check out 'The Sculpture Park' or The Henry Moore Foundation in Hertfordshire <a href="https://www.henry-moore.org/">https://www.henry-moore.org/</a></p> <p>There is also an Andy Goldsworthy sculpture at the University of Hertfordshire campus at Hatfield.</p>	<p><b>Make a Volcano</b></p> <p>Reading the instruction attached, make your own Volcano! When you paint it, make sure you use all the right colours and you make it as accurate as possible. Maybe you could choose a real volcano you want to base yours on!</p> <p>After you have made your volcano it would be really exciting to see if you can make it erupt!</p> <p>We'd love to see how these turn out so bring them in or take lots of photos!</p> 
<p>Signed (parent/ guardian):          _____ Date:</p>	<p>Signed (parent/ guardian):          _____ Date:</p>	<p>Signed (parent/ guardian):          _____ Date:</p>	<p>Signed (parent/ guardian):          _____ Date:</p>	<p>Signed (parent/ guardian):          _____ Date:</p>

1. English	2. Mathematics	3.Science	4. PE	5. Art
<p><b>Reading challenge!</b></p> <p>Speak to your parents, grandparents or friends about which books they enjoyed reading when they were younger.</p> <p>Find out the title, author and genre of their favourite book. Do they still have the book? If so, can you borrow it and read it? If not, can you find it in the library?</p> <p>Write a book review when you have read it, to tell us your opinions on the chosen book. We can then share these with everyone in class!</p> 	<p><b>My Maths – Multiplying by 10</b></p> <ol style="list-style-type: none"> <li>Go to <a href="http://www.mymaths.co.uk">www.mymaths.co.uk</a></li> <li>Login at the top of the page with the school's username and password.</li> <li>On the next page enter your personal username and password in the 'My Portal' box.</li> <li>Select homework and 'Mental addition and subtraction' task.</li> <li>Use the 'Need Practice?' section first and read through together.</li> <li>Then press 'Start Homework' and complete the task!</li> </ol> 	<p><b>Plants</b></p> <p>Dissect a flower to learn all about the different parts. You could then make some artwork to show all the different parts of the plant with following labels:</p> <ul style="list-style-type: none"> <li>Petal</li> <li>Sepal</li> <li>Anther</li> <li>Filament</li> <li>Stamen</li> <li>Stigma</li> <li>Style</li> <li>Ovary</li> <li>Stem</li> </ul>  <p>You could illustrate the plant by pressing the flower, drawing it, painting it or making a collage with tissue paper.</p>	<p><b>Winning Warm Up</b></p> <p>Warming up before PE is really important. It prepares us for physical exercise by:</p> <ul style="list-style-type: none"> <li>increasing our heart rate and blood flow</li> <li>preparing joints and muscles to function efficiently</li> <li>reducing risk of injury</li> </ul> <p>Your task is to prepare a 2 minute warm up to teach the class. It must warm up the whole body, be</p>  <p>easy enough for everyone to do and most of all be fun!</p>	<p><b>Georgia O'Keefe</b></p> <p><b>Georgia Totto O'Keefe</b> (November 15, 1887 – March 6, 1986) was an American artist. She is best known for her paintings of enlarged flowers, New York skyscrapers, and New Mexico landscapes. O'Keefe has been recognized as the "Mother of American Modernism"</p>  <p>Research Georgia O'Keefe's paintings and find your favourite one. Copy the painting using watercolour or coloured pencil. Look closely at the blending of colours.</p>
Signed (parent/ guardian): _____ Date:	Signed (parent/ guardian): _____ Date:	Signed (parent/ guardian): _____ Date:	Signed (parent/ guardian): _____ Date:	Signed (parent/ guardian): _____ Date:
OR	OR	OR	OR	OR

1. English	2. Mathematics	3. Geography	4. Resilience	5. Family Week
<p style="text-align: center;"><b>Nature Poem</b></p> <p>Can you create a poem about what nature means to you - make it as interesting and descriptive as possible!</p> <p>You must use:</p> <p>Personification</p> <p>Alliteration</p> <p>Simile</p> <p>Metaphor</p>  <p>Remember in a poem every word counts and it doesn't necessarily have to rhyme!</p> <p>You could present this as a piece of artwork with decorations around the poems.</p>	<p style="text-align: center;"><b>My Maths – 8 Times Tables</b></p> <ol style="list-style-type: none"> <li>Go to <a href="http://www.mymaths.co.uk">www.mymaths.co.uk</a></li> <li>Login at the top of the page with the school's username and password.</li> <li>On the next page enter your personal username and password in the 'My Portal' box.</li> <li>Select homework and 'Mental addition and subtraction' task.</li> <li>Use the 'Need Practice?' section first and read through together.</li> <li>Then press 'Start Homework' and complete the task!</li> </ol> 	<p style="text-align: center;"><b>Nature Walk</b></p> <p>Take a trip down to College Lake.</p> <p>How many different types of birds can you spot?</p> <p>How many different types of plants are there?</p> <p>Can you find out anything about the lake's history?</p> <p>Was it always a lake?</p> <p>What activities can you do there?</p> <p>Can you name some of the fossils found there?</p> <p>Paint a picture or draw a map of the lake showing all of the different things you found.</p> 	<p>Take time to complete the resilience task outlined on the sheet attached from Miss Lamb and Miss Sanderson and enter the competition to design an information poster/leaflet about resilience.</p>  	<p>Use this opportunity to explore something as a family.</p> <p>You might like to record and share what it is you do this week or you might like to choose to spend this week being busy with your family.</p> <p style="text-align: center;">It could be:</p> <ul style="list-style-type: none"> <li>○ A walk in the woods.</li> <li>○ A household chore.</li> <li>○ Eating a meal together.</li> <li>○ Just a busy weekend as a family.</li> <li>○ It's up to you!</li> </ul> 
<p>Signed (parent/ guardian): _____ Date: _____</p>	<p>Signed (parent/ guardian): _____ Date: _____</p>	<p>Signed (parent/ guardian): _____ Date: _____</p>	<p>Signed (parent/ guardian): _____ Date: _____</p>	<p>Signed (parent/ guardian): _____ Date: _____</p>
				<p>Signed (parent/ guardian): _____ Date: _____</p>



## Year 3 Maths Home-Learning Grid

Complete one of these activities a week.  
Write the short date and highlight when you complete a task.



<p>How many minutes are there in 1 hour? So how many minutes are there in 3 hours? What about <math>1\frac{1}{2}</math> hours?</p>	<p>Make 9 number cards. Choose whether to use 1-digit numbers or 2-digit numbers. Turn all the cards over. Look at 2 cards, what is the <b>difference</b> between the numbers?</p>	<p>If a builder starts a building in March and it takes 11 months to complete, what month will it be when they are done?</p>
<p>Choose 4 numbers (they can be 1-digit, 2-digit or 3-digit, it's up to you). How many different number sentences can you make using these numbers?</p>	<p>You want to draw some pictures for the children in your class. You draw 2 pictures for each boy and 3 pictures for each girl. There are 12 girls and 18 boys. How many pictures will you draw?</p>	<p>Imagine I have 12 dogs. Each dog's bowl holds <math>\frac{1}{2}</math> a litre. How much water do I need to fill all the bowls?</p>
<p>How many 2D shapes can you name in 60 seconds? Make a list. Can you describe each of the shapes you named, correctly? Try 3D shapes.</p>	<p>Practise your 2, 5 and 10 times tables or 3, 4 and 6 times tables. Make cards with the question on one side and the answer on the other. Use them to practise with. How can you check your answers?</p>	<p>School starts at 8.30am and finishes at 3.15pm. Including lunchtime, how many hours and minutes are you at school for? How many different ways can you write your answer?</p>

## Spellings

This is a list of the spellings we have learnt so far in Year 3. It would be really helpful if you could practise them with your children to help them remember. The spelling rules have already been taught.

always awful naughty easily threw money replied birthday poem south joyful photograph argue whisper chase these like phone huge	helped turned begged hissed wanted washed greased lived laughed called hurried amusing arguing beginning belonging breathing changing collecting thinking skipping stopping	happier teacher funniest silliest cheerful wonderful courageously fruity leaves wolves information adoration sensation preparation admiration fascination elevation communication determination nomination	completely usually finally angrily gently simply humbly basically frantically dramatically poisonous dangerous famous enormous jealous humorous glamorous outrageous serious curious hideous	dishonest reappear disobey unknown disagree impossible incorrect indefinite misbehave rearrange unable return reappear subheading submarine interact international supermarket antiseptic antisocial autobiography	myth gym mystery hymn crystal oxygen symbol system typical syrup young touch double trouble country couple cousin courage encourage tough rough enough
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## **Make a Volcano!**

### Materials

You probably already have most or all of the materials needed for your family to make a paper mache volcano. They are:

- Cardboard
- Small soda bottle, empty and without a lid
- Masking tape
- Paper mache paste
- Newspaper
- Paint

### Instructions for Making the Volcano

1. Place the soda bottle upright in the centre of a square piece of cardboard.
2. Secure the bottle in place using the masking tape.
3. Tap strips of cardboard to the sides so that you create the angles for the sides of the volcano
4. Mix up a papier mache paste using PVA glue and water
5. Tear the newspaper or kitchen roll into strips about 1 to 2 inches wide
6. Dunk one strip of newspaper into the paste.
7. Stick the newspaper strip onto the volcano and smooth it with your fingers.
8. Repeat until it is completely covered. The strips should overlap and run in different directions.  
\*Leave the opening of the bottle at the top of the volcano uncovered.
9. After one layer of paper strips is applied, wait 24 hours for the paste to dry.
10. Apply a second (or third) layer of paper strips until you achieve the volcano shape you like.
11. When the newspaper is completely dry, paint the volcano. Choose whatever colours you like and give it as much detail as you want. Use brown or grey for the rocks, green for vegetation and, of course, red for lava flowing from the top.

### Make the Volcano Erupt

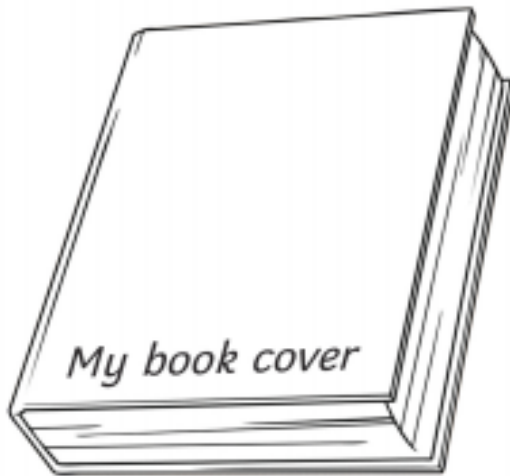
Place the volcano on a sturdy surface. The best place for an eruption is outside or on a hard surface that is easy to clean, just in case your volcano erupts more than you want it to. Volcanoes are unpredictable. Gather the supplies you need to make the eruption, most of which you probably already have. They include:

- 1 tablespoon warm water
- Liquid dishwashing detergent
- Red food coloring
- 1 tablespoon of baking soda
- Vinegar
- Small paper cup

Start off by measuring 1 tablespoon of warm water into the volcano crater (the soda bottle). Add 3 to 4 drops of dishwashing detergent and 3 to 4 drops of red food coloring. Add the baking soda and stir with a narrow utensil or stick. Pour some vinegar into the small, paper cup so the cup is about 1/3 full. Quickly pour the vinegar into the volcano crater, step back, and watch the volcano's bubbly eruption



# Book Review



## Plot

Event 1 \_\_\_\_\_

\_\_\_\_\_

Event 2 \_\_\_\_\_

\_\_\_\_\_

Event 3 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Cause and Effect** of one of the events in the book

Cause	Effect
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## My Star Rating



Why I rated the book \_\_\_\_\_ stars

\_\_\_\_\_

\_\_\_\_\_

## Book Title

Author \_\_\_\_\_

Illustrator \_\_\_\_\_

Genre (tick as many as apply to your book)

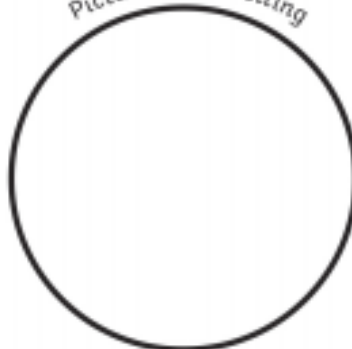
- |                                      |                                     |                                       |
|--------------------------------------|-------------------------------------|---------------------------------------|
| <input type="checkbox"/> fiction     | <input type="checkbox"/> scary      | <input type="checkbox"/> animal story |
| <input type="checkbox"/> non fiction | <input type="checkbox"/> fairy tale | <input type="checkbox"/> biography    |
| <input type="checkbox"/> fantasy     | <input type="checkbox"/> adventure  | <input type="checkbox"/> historical   |
| <input type="checkbox"/> humour      | <input type="checkbox"/> sports     | <input type="checkbox"/> mystery      |
| <input type="checkbox"/> other _____ |                                     |                                       |

## Setting

\_\_\_\_\_

\_\_\_\_\_

Picture of the setting



## Character



Name \_\_\_\_\_

Personality \_\_\_\_\_

\_\_\_\_\_

Physical Appearance \_\_\_\_\_

\_\_\_\_\_

How I feel about this character and why: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

This book made me feel

\_\_\_\_\_ because

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

draw how you felt!