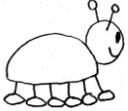


Hillcross Home Learning Palette - Cross-curricular - Year 4

Over the next 6 weeks you may choose one of your homework tasks from the following table. Each week you need to complete and hand in one piece of work from the table below - but if you want to do more than one each week you can! If you are choosing from a skill column that you are not yet confident about, choose from the Walk row; if you are fairly confident about the skill choose from the Jog row and if you want to challenge yourself choose options from the Run row. Your homework will be due in each Wednesday. If you think of something different to those that are listed, check with your teacher first and you could do that instead.

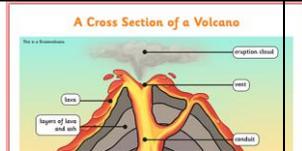
Term: Autumn 2		Topic: Mother Nature's Revenge!							
		Naturalist 	Verbal & Linguistic 	Logical & Mathematical 	Visual & Spatial 	Bodily Kinaesthetic 	Musical & Rhythmical 	Interpersonal 	Intrapersonal 
Bloom's Taxonomy	Run Creating & Evaluating  Construction Key, Ridiculous Key, Combination Key, Invention Key	Create a 3D volcano out of natural resources you have found in your local environment.	Write a poem about the feelings of a villager in Pompeii.	Create a timeline of events and plot the significant events of Pompeii.	Create a power point presentation about volcanoes which could include information about plate tectonics.	Create a dance to a piece of Hawaiian music. Think about the style of movement that would represent this kind of music.	Research traditional musical instruments and music in Italy during 79 AD and evaluate the effect it had on people.	Visit the Science Museum and find out something interesting about Earth.	Make a model of a village near an active volcano. Think carefully about which materials to use and the best way to present it.
	Jog Applying & Analysing  Commonality Key, Combination Key, Picture Key, Different uses Key, Reverse Listing Key,	Research the geographical landscape of volcanic regions finding similarities and differences with our own.	Write an evacuation plan for someone living near an active volcano.	Find out how numbers were represented using Roman Numerals and write 6 number sentence questions for an adult to solve.	Create a volcano setting in a shoebox scene. For example, the village near a volcano, Pompeii, a dormant volcano.	Create an international sign language using your body to show people that there is danger.	Compose a song that explains an aspect of life near a volcano.	BAR Key (Bigger, Add, Replace) The topic is: Earthquake Write a description and share it with the class.	Create five questions you would like to ask a scientist about the formation of the Earth.
	Walk Remembering & Understanding  Variations Key, Reverse Listing Key, Alphabet Key, Question Key.	Find out what bugs and creatures live in your garden or in the park.	Design a poster explaining what happened in Pompeii.	Design your own mathematical code. Send your friend a message using your unique number code.	Create a poster to show all the interesting facts you have found out about volcanoes.	Bake cookies or a cake with an Earth theme. They could be rock cakes, mud pies or anything of your own design.	Listen to a piece of Italian opera (do not listen to all of it!) and make up actions to show what is happening during the performance.	If the answer is 'it was 'the Earth', what could the question be? Create 5 questions.	Research and create an alphabet key about Earth A = .

Hillcross Home Learning Palette - Maths and English - Year 4

Over the next 6 weeks you may choose one of your homework tasks from the following table. Each week you need to complete and hand in one piece of work from the table below - but if you want to do more than one each week you can! Try to alternate between English and Maths but try to choose more from the area you feel you need more practice in. If you are choosing from a skill column that you are not yet confident about, choose from the Walk row; if you are fairly confident about the skill choose from the Jog row and if you want to challenge yourself choose options from the Run row. Your homework will be due in each Wednesday. If you think of something different to those that are listed, check with your teacher first and you could do that instead.

Term: Autumn 2

Topic: Mother Nature's Revenge

		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Bloom's Taxonomy	Run Creating & Evaluating 	English Using the invention key create some new key words linked to volcanoes and explain what they mean.	Write a list of the features of an explanation text, read an example of an explanation text. How effectively have the different features been used?	Create your own explanation text on how a volcano erupts, thinking about the features that you have been taught this week.	Create a poster linked to poetry that can support your learning in the classroom. It might include, language types, features.	Create your own poem on how a volcano erupts, thinking about the features that you have been taught this week.	Read two different poems written in different styles e.g. acrostic and rhyming. Write a paragraph explaining the similarities and differences between the two different poems.
	Jog Applying & Analysing 	Maths Create your own super shapes question to test someone in your family. Use the nrich website to help you get started! https://nrich.maths.org/1056	Create a place value poster explaining what each digit in a 5 digit number represents	Make these statements true: $\square + \square > 200.45$ $367.50 < \square - \square$	Round decimals with one decimal place to the nearest whole number: 219.4, 323.8, 467.2, 712.5, 899.7, 3124.3	Max jumped 2.25 m on his second try at long jump. This was 75 cm longer than his first try. How far did he jump in meters on his first try? Can you create your own word problem for your teacher?	Which is lighter? Explain why, using appropriate mathematical vocabulary? 3.561kg or 3.06kg 3.072kg or 3.270kg
	Walk Remembering & Understanding 	English Watch the following clip on volcanoes and make a glossary explaining each technical term. https://www.youtube.com/watch?v=V863xROY2qk	Look at an explanation text and create a checklist for the different features, how many features does your text have?	Read two different explanation texts compare and contrast them e.g. how a volcano erupts and the water cycle. Create a double bubble map to show the similarities and differences.	Create a rhyming poem on volcanoes, earth, or an earth quake.	Read two different poems written in different styles e.g. acrostic and rhyming. Create a double bubble map to show the similarities and differences.	Create a poster of poetry tools that you can use to support your learning next time we learn about poetry.
	Walk Remembering & Understanding 	Maths Complete the super shapes challenge on the nrich website: https://nrich.maths.org/1056	Create a place value poster explaining what each digit in a 4 digit number represents	Make these statements true: $\square + \square > 2000$ $3000 < \square - \square$	Round decimals with one decimal place to the nearest whole number: 19.4, 23.8, 67.2, 72.5, 99.7, 124.3	Max jumped 2.1 m on his second try at long jump. This was 75 cm longer than his first try. How far did he jump in meters on his first try? (1m = 100cm) Can you create your own word problem for your teacher?	Which is lighter? Explain why, using appropriate mathematical vocabulary? 3.56kg or 5.5kg 3.72kg or 3.27kg
	Walk Remembering & Understanding 	English  Write a glossary for each term in the picture.	List the different features of an explanation text.	Learn and retell an explanation e.g. the water cycle. Draw pictures to support your explanation.	Create an acrostic poem for, volcano, earth, or earth quake.	Learn a poem to share with the rest of the class, think carefully about your expression.	Find and read 3 poems and explain which is your favourite and why.
	Walk Remembering & Understanding 	Maths Complete the magic v challenge on nrich: https://nrich.maths.org/6274	Create a place value poster explaining what each digit in a 3 digit number represents	Convince me What digits could go in the boxes? $7\square - \square > 46$ Try to find all of the possible answers. How do you know you have got them all?	Round decimals with one decimal place to the nearest whole number: 9.4, 3.8, 7.2, 2.5, 9.7, 24.4	Max jumped 200 cm on his second try at long jump. This was 75 cm longer than his first try. How far did he jump in meters on his first try? Can you create your own word problem for your teacher?	Which is lighter? Explain why, using appropriate mathematical vocabulary? 3.5 or 3.6kg 3.0kg or 3.2kg

Don't forget to use these home learning opportunities to practice your personal Maths and English targets.

*For Maths 'Marathon' Runners: Log on to the NRICH website to solve problems and put your maths skills to the test.