# Year 5/6 Spring Term 1 Extreme Earth

Natural Disasters and Physical Geography

# Geography

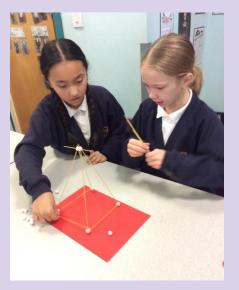
As part of our Stunning Start day we focused on many different physical features of the earth. We created topic maps to begin with to show what we already knew about 'Extreme Earth'.

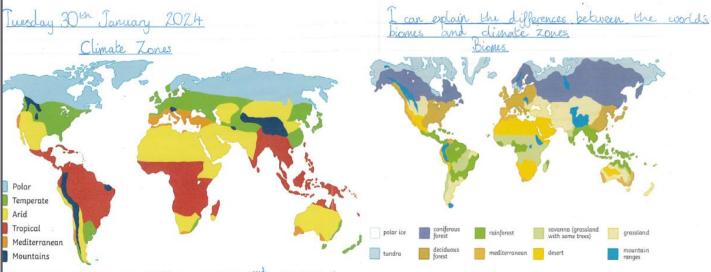
Throughout the day, we had a lot of fun creating earthquake-resistant buildings, 3D models of the Earth's structure as well as beautiful pieces of artwork depicting a volcanic eruption.

All of the activities made us really excited about our topic, and prompted lots of questions that we wanted to explore this half term!









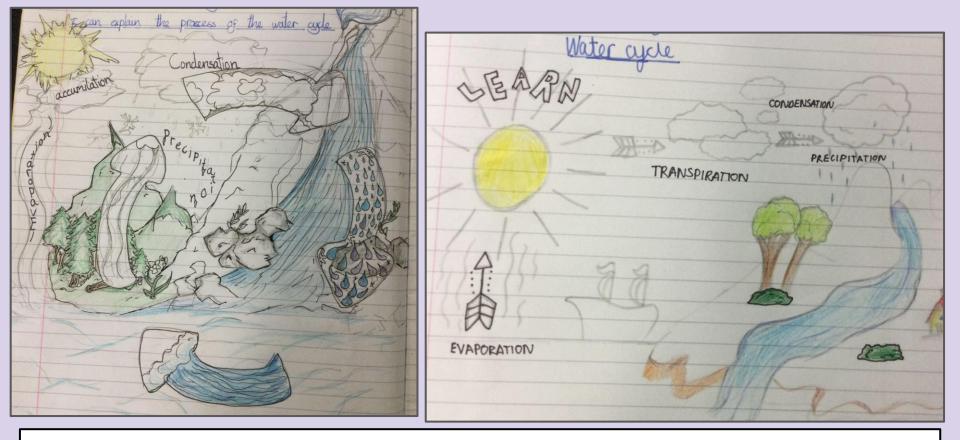
Then, in our next lesson, we used atlases to find and compare different biomes and climate zones across the world. We worked hard to locate places on a world map and use an atlas with confidence.

limate Zones = Similar u	iheather patt	erns " Cands capes
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Country	Continent	Climate Zone	Blome
Iceland	Europe	nundrak tundra	: Tundra
Cuprus	Europe	Meditaraneam	Experim Rainforest
England	Europe	Temperate	Deciduous ford
Japan	Asia	Temperate	Deciduarsforest
Canada	North America	a Pdar	Tundra
Egypt	Africa	frid	Desert
Frances	Europe	Temperate	Deiduars forest
Phillipines	lisia	Tropical	Rainforest
Brazil	South Imeri	ca Tropical	Rainforest
Mongdia	tsia	Aria	Graeslands

Biomo= Similar climate zones, regitation and sometimes animals.

I leant that Saudi Arabia was previously a rainforest and has converted into a desert dimate zone. I assume that this is due to the affect of deforestation and dimate change.

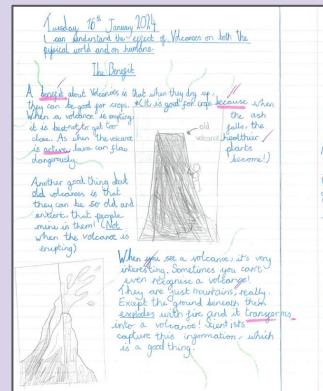


Our next geography task was to look into the water cycle. We used the key vocabulary whilst drawing and annotating our own water cycles, as well as setting up a 'water cycle in a bag' experiment in our classrooms that we were able to monitor and observe over the next few weeks.



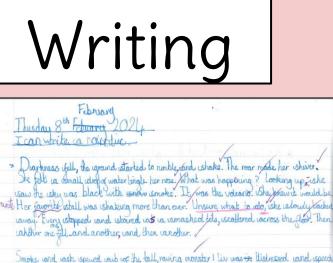
Should We prepare for earthquakes?

After analysing the earthquake data , I think that only artisin areas as the world need to prepare for earthquakes. As the map Shows that the major earthquakes happen on convergent plate. boundings, so I think that only people around those boundings should prepare. However, people living around those areas it would be a good islin idea to be prepared for them as they can be light threating. Here, we analysed USGS (United States Geological Survey) data to find where the largest earthquakes in recorded history have occurred. We drew conclusions and realised that we're pretty safe from serious earthquakes in the UK. What do you think - should *we* prepare for earthquakes?



he Negative Some volcances are terribly dangerous. Many car destroy villages and wildlige! The lava glous down like a boiling river, and burn's places like paper. Ash is , bad for humans. Peadly! When it acts into our lung it could be dead oxic gases can cause acid rain This is a problem as acid can burn. And the flakes can gly anywhere! They can burn houses down with 10,000 flakes and they been skist

We also enjoyed exploring the physical process of a volcanic eruption. We then considered the human impact of these events, looking at both the potential positives and negatives. We weighed up our arguments to decide whether we thought volcanoes were ultimately harmful or helpful.



Higher with wat spirst where a size with north instant is to the second pot were creating relain and even worse, thing is tarted to calch fire. Fieral now what It was raising heavy now, people were running in a panic, hoping to last leaded. By now, people were running in a panic, hoping to last leaded. By now, people were running in a panic, hoping to last leaded. By now, people were running in a panic, hoping to last leaded. By now, people were running in a panic, hoping to last leaded. By now, people were running in a panic, hoping to last leaded. By now, people were running in a panic, hoping to last leaded. By now, people were running in the panic hoping to last leaded. By now, people were running in the people was raided where the people was raided by word.

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Choking, ishe fund ian empty, iabondind home. She cailde't bare the thought iop never iseting Nomia iagain. Silting idown, she could fel the idryness iop her mouth after p heavy preathing. Wald isomeone find hir? Thursday 8th February 2024 I can write a narrative.

" It started with a depening BOOM! luke started at Mount Vesuius, as a pugg of smoke and ash was spewing out of the summet. The volcans (which had layed dorment por trousands of years) that ginally erupted. "Struggiling to jud his tolered gaming he for the sum the starts of the ancient city of Pompeny dute made his way towards is their tome. Suddenly a contar germed, completely distroying the building nut to him. A state prom the roop caught his arm, drawing, blod.

Fear built up inside him, as he is chocked on the ash gilled air. Continuesly dodging craters, he saw day turn into night right ingront of his eyes, because of all the ash and smoke coming from the mountain. Darkness had pallon...

Why now 2 Why did the Gods have to send all these tos unportunatly timed events and deaths now? Luke was beginning to question himself, but he soon snapped out of it, and went back to searching for his gaming. By now people were sharting, proving for their tigely he was interally hoping that that work his gamily. Then his heart gilled with hope, the had heard the barking of his beloved day (Barrey). These he was, his this singed but other-wise theat luke led Carrey to the dock where his gained ying, took care of him, but this thirteen year old boy wouldn't stop trave he went to be into the now bazing town, looking for his gainly. Gods inlight dures.

Behind him he head a woman cry, he thinked abound gold saw his mother trapped under a bother with his stater (Ariana) trying to gree her. Luke went and helped Ariang . They got their mother gree and supported her to the dock, where she would be says.

> & Wow! A flatistic narrotive Dett. with flatistic viewboling choice. Well done for setting the drowsplane

As part of our 'Extreme Earth' topic, we have produced some wonderful writing including a newspaper report about local flooding in York and two short pieces of narrative based on the city of Pompeii, and the terrible explosion of Mount Vesuvius that destroyed the city.

### **THE PLANET**

### A MESS FROM THE WEST

### Is this the biggest flood since 2015?

Three weeks ago, Storm Ferguson, Storm Greta and Storm Hydra hit York at around 1:30am on the 12th of January.

On the toth of January, before chaos struck, some of York's citizens noticed the winds getting stronger and much more rain. One resident reported that when they were asleep they beard multiple loud bangs and shards of glass falling to the ground; in the morning, they saw a tree blocking their drive. One day later, Ferguson came, followed by Great and finally (on Thursday the 13th) Storm Hydra struck.

Many days later, multiple locals walking by the river noticed the Ouse slowly making its way across the mud almost on the footpath. "I first saw it rising on my daily walk," Mrs Davidson reported, "but I didn't think much of it." Finally, the water allegedly made its way across the footpath but luckly nowhere near the main roads.

Eventually, 2 weeks later, a couple of main reads - including Fulford Road - were filled with more than so litres of muddy water. This led to numerous incidents such as people not being able to get to work or even York hospital. A small child was supposedly in a near death condition and was unable to get to the hospital. She is luckily doing well now although it is reported that she had a seizure.

Allegedly, Fishergate Primary School was filled with water a metre high. Children are still not back at school and are homeschooling again. A mum who works full time stated, "My two children have been homeschooling for 3weeks now and I haven't been able to get to work because of the roads- we don't have any family around us. It makes you think about the single parents like me."

Many residents have been very annoyed with the lack of support from the local council. 'It is disgraceful the government let the floods get to this extent and still not put any better things to prevent these disastrous floods. If they really care this would already be back to normal,' the Yorkshire Arms pub owner, who is very well-known, explained. If e claimed his successful pub would not be open for at least nine months. This had really affected the public since it had been one of the last places to be fully submerged and the owner had been opening



The water is making its way up and nearly on the bridge.

up his pub for locals to come in: there was hot meals, a place to sleep and spare clothes.

However, many volunteers, fire fighters, army solidiers and sea cadets have been working extremely hard for countiess hours putting sand bags at doors, pumping out the water off the streets and rescuing the stranded people. One of the the fire fights commented, "We have cleared up a very small part of the damage but I think there is gonna be more rain and and many more floods." Some of the volunteers working hard experienced the floods back in 2015 and claimed this flood is even more disastrous. They are continuing to work hard to try to get the water cleared.

Currently, many people have been sent to refugee camps or a different safe place to live while the helpers try to get their homes back to a livable condition. The weather forecast says that another storm on its way - Storm Ida - so York will have to prepare for that. They are planning on stronger barriers and built in pumps all across town. York's helpers have hopefully rescued all the stranded people but they will continue the searches. If you need a safe space to live/food/water call 0573659244. Wednesday 24th £1.50 January 2024



### Flooding takes over York

### Largest flood since 2015!

Yesterday evening, Storm Major's lightning struck all of our flood barriers meaning most of York has been highly flooded. Allegedly,this is the biggest flood in York since 2015.

Two weeks ago, local citizen, Olivia, noticed her horses staying in their shelters more than usual. Many members of the public reported their trees falling down as well. After many itervals of rain Storm Major finally hit, "Nobody was prepared," stated weather forecaster Lily Ross.

Reportedly, Storm Major has now stopped but many inhabitants of York think that it is not finished. We are fairly certain that the river overflowed during the storm this means that it has flooded Main Road. Well known school girl, Romilly, has been reported to be ecstatic about not going to school. Many people knew this is only the beainning.

On Thursday, evidence and forecasts say that Storm Major has finally ended, "This one Storm went on for a whopping six days!"exclaimed female grocer Millie Oliver. The governors are now advising people to stay home to minimise the death count. The most recent deaths: Spike Smith



The flood at it's worst.

the plumber, Dr Edward Heald and jobless man Vincent Walker.

As many roads have been cut off from mass flooding citizens are starting to suffer from starvation. Thankfully Mcdonalds worker Indy Bussandra borrowed a food truck and is saving towns people from hunger. "Yeah free Mcdonalds" said Romillyin her exclusive interview. Everybody is very thankfull.

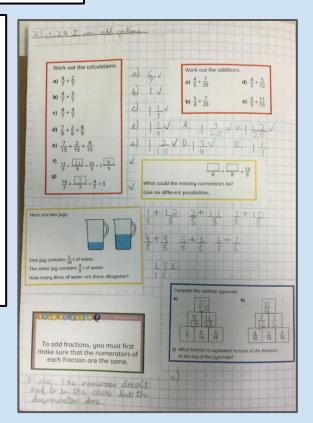
Currently, York's roads are still being pumped, people are rebuying food and moving back into their homes. "I'm so happy to move back into my house" stated Bella Starkey (twin sister of Romilly) "I hated those refugee camps! "As of this morning people are still living in many different refugee camps.

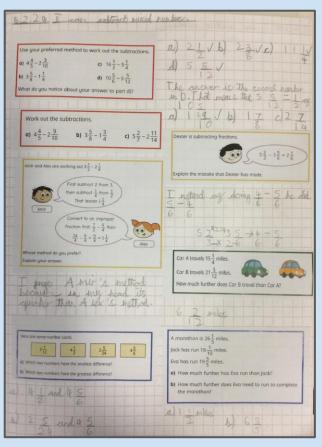
Tomorrow, the government are due to discuss all the damages that the floods have caused "I hope the future will be better for York," said Millie. We all hope that things will come back to normal.

### Maths - Y5

In maths Y5 this term we have been exploring fractions. This has included finding equivalent fractions as well as ordering, comparing, adding, subtracting, multiplying fractions.

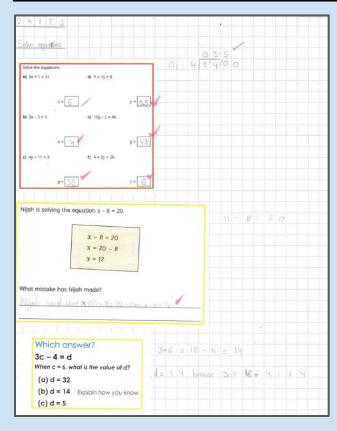
We have continued to practise converting between mixed numbers and improper fractions and now feel much more confident in this skill.

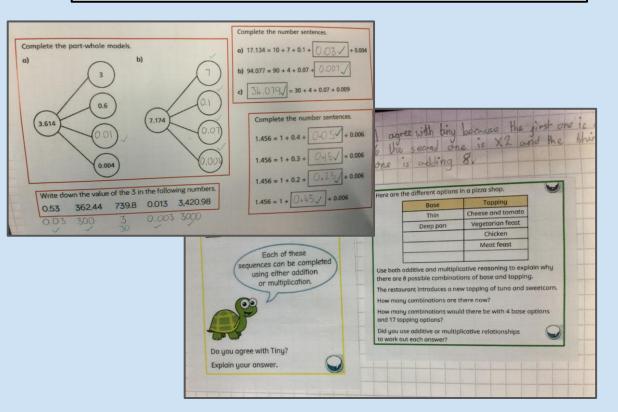




## Maths - Y6

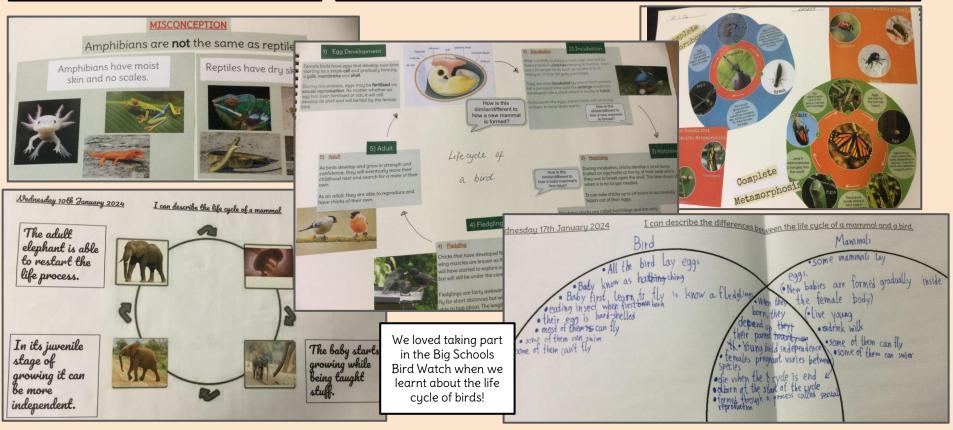
Year 6 have been working their socks off this term with all of their final learning before they do their SATs. This has included exploring decimals, ratio and proportion and (the not-so-scary) algebra!

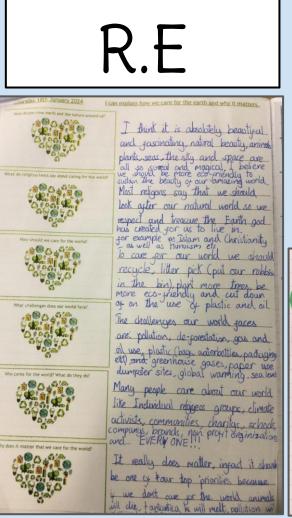






In science we have been comparing the life cycles of different living things such as plants as well as the many different classes of animals. Here are some examples of the life cycles we investigated:





During our first lesson on 'Green Religion' we have considered many questions about our Earth. We worked in teams to answer these questions and link our ideas to religious teachings and stories we have previously learnt about. Next, we researched religious projects and organisations who are doing things to help the environment. We presented these ideas as presentations and posters for the rest of the class to see. After this we then pulled together our learning so far and created some environmental collages which include images and important religious texts and quotes. These we created after learning more about climate justice, activists and influential people.

THERE IS NO Planet B 5	
Ar is the Gury. Mater the Father, and the Earth is the Great Mother. Gury Constrained by Barbaro Barbar	2

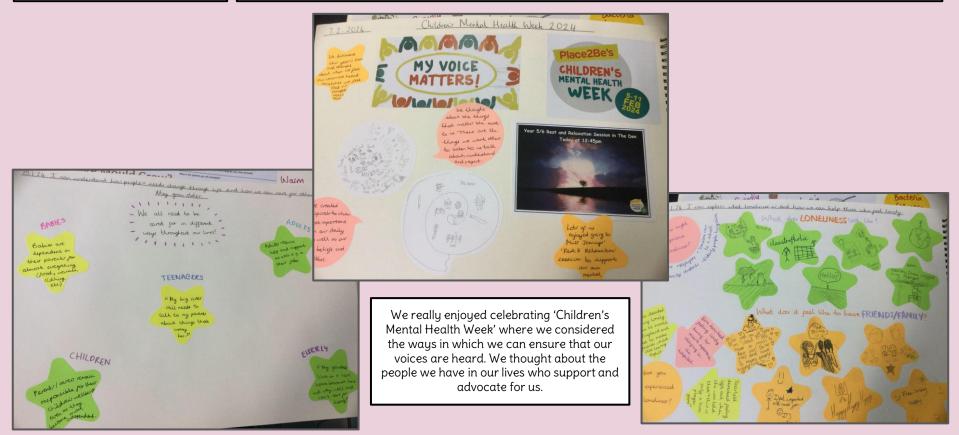
	8th January 2024 n what religious grou	ips do to protect the ear	th, and identify similar	ities and differences	between them.	
	greenfaith	Jewish Ecological Coalition	IFEES/Ecololam	S NOAH	ECO # CHURCH	W
Religion/Faiti	(E)	A Charles and the			Christian 53	
Aims		those a good impact on the earth, they want to bring people togelbur	cco grandy	Operation Noah aums to persuad churches in the UK to dissuest from fossil fuels to prevent climat churde, they also aim to have a	Caving for god creation e	sto anate a more fair and peaceful societu a comiliment to leave no one behind.
What they do	train people from diverse religons, they have events and campain	autornacy teas at		sessions for chubo	Trying to make eco-prividly Shurches by giving all an award for eco. churches to inspir	all, and they tackle poverty

milarites, differences and positive impact of the religious group

All these relignus groups have similar goals and aims like spreading positivity eco-priendly, save our world, make our world a better place The differences are the ways they choose to achieve a better world, how they do it and they all have different religions and views. Betwee impairs eco-prevalines, peaceful society, bonging people together, held events like comparison

## RHE

In RHE this half term we have been thinking about care and responsibility. In our first lesson we thought about care needs people have and how they can change as we grow older.



### PE

This half term, with Mr Waterfall-Smith, we learnt and practised the skills associated with hockey, developing our dribbling, passing, tackling and shooting skills. At the end of the term, we also enjoyed taking part in our annual Winter Sports morning where we had a go at using the wooden skis, pulling our friends along in a sledge and playing games of Kurling in the hall.







This half term, we have enjoyed listening to and appraising pieces of music inspired by the Earth! As a whole school, we have loved listening to Vivaldi's 'Spring' in our Collective Worships and were even treated to a live performance by Mr Farnhill on the flute!

Storm Interlude from Peter Grimes by Benjamin Britten (1945)

### Watch the full performance



Britten is an English composer who wrote an opera called 'Peter Grimes', about a community struggling to make their living as fishermen. This is one piece of music from it, all about a terrible storm!

### Mount Saint Helens Symphony by Alan Hovhaness (1982)



Listen to a little of the opening movement ('Andante') which describes the mountain when it is peaceful. How does this compare to the final movement about the volcano erupting (20 mins onwards)?



### Ring of Fire by Johnny Cash (1963)

What is the Ring of Fire representing in Johnny Cash's song? We also listened to a range of classical and popular pieces linked to 'Extreme Earth' and discussed what each might be representing (both literally and metaphorically).

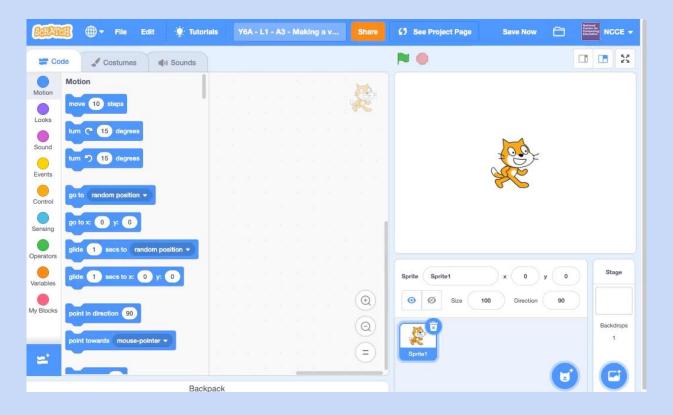


We have been working hard to develop our printing skills this half term! We researched and designed monoblock printing plates inspired by our topic, 'Extreme Earth'. First, we printed in black and white and then we experimented with colour!



## Computing

Coding has been our focus this half term in Y5/6. We have all had to show lots of perseverance and confidence as we have tackled tricky codes and completed many new challenges.





We played loads of games to practise the new language we learnt as part of our topic.

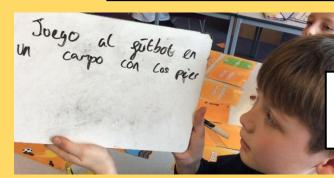
### Los deportes - Sports

A board game helped us talk about our likes and dislikes and giving reasons why.

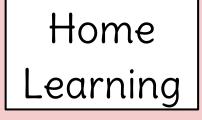
Here is Eeman swimming in charades!



Some healthy competition in a matching game, learning where you play a game and what with



And lots of writing practice on whiteboards.





We have once again produced an excellent array of home learning projects that we shared with our friends and family during our Home Learning Gallery.