



REASONING



RESOURCEFUL



RESILIENT



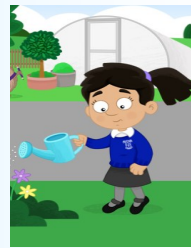
REFLECTIVE



RESPONSIBLE



RESPECTFUL



The Holt Primary School



Year 4 Newsletter Spring 2025

www.holt.lincs.sch.uk



Welcome Back!

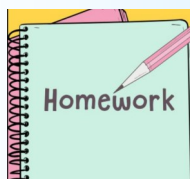
I hope that you all had a wonderful Christmas and New Year.

We have had an amazing start to our time in Year 4 and I could not be prouder of the effort and progress of each and every child in the class and am looking forwards to the amazing work they will continue to produce the next up and coming terms.

Homework information

Homework will continue to be Times Tables Rock Stars, purple mash practice Multiplication check and reading.

A homework project linked to our new topic will be provided in the up and coming weeks.



Fragile Earth

Our next topic is all about learning about the Earth; During this topic, we will be exploring various elements such as:

- How mountains and volcanoes are formed.
- The causes of tsunamis and earthquakes.
- The water cycle.
- Animals and their habitats.
- Pollution and the effect it has

Class routines

The class will continue to have Miss Harrison teaching them during my planning time. During this time there will be for a mixture of art and DT lessons.

Year 4 will also have synergy teaching them for their PE lessons.

P.E

The class will have Synergy coaching for PE on a Wednesday afternoon and then on a Thursday morning

Please make sure that your child comes in their PE kit as per the previous terms and have warm clothing as they will go outside when appropriate.

How can I help?

- * Listening to your child read to help improve their reading fluency.
- * Asking them questions about their book.
- * Using Times Table Rockstars to support multiplication and division fact development.
- * Promoting independence and resilience with homework.

Any problems...

Should you ever need to talk to myself about your child, homework or any other issues/concerns, I am available on the playground at both the start and end of the day and you can email me at year4@holt.lincs.sch.uk. I am very much looking forward to working alongside you and your child over the coming year.

Many thanks for your support.

Mr Kelk



Do your BEST, Be our BEST



Ideas Organiser: FRAGILE EARTH SPRING TERM Y3/4

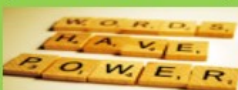


Knowledge:

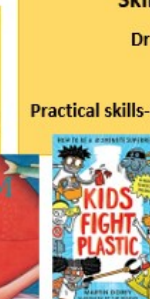
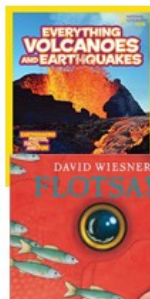
- **Volcanoes** are made when pressure builds up inside the earth. This affects the earth's crust causing magma to sometimes erupt through it.
- Active volcanoes have erupted in the last 10000 years. Dormant volcanoes haven't erupted in the last 10,000 years but may erupt again. Extinct volcanoes aren't expected to erupt again.
- **Water Cycle**- clouds form when warm, moist air is cooled. When it is cooled it condenses into tiny water droplets which appear as clouds. Heat from the sun evaporates water into water vapour, which rises, condenses in the cool air and then falls back down to earth.
- **Changing state**- evaporation occurs when a liquid changes into a gas or water vapour. Condensation is when a gas cools and changes to a liquid.
- **Pollution**- chemicals can poison animals. Litter can be ingested by animals or trap them. Fertilisers can cause a lack of oxygen and kill them.
- **Marine Protection and Conservation**- just under 25% of UK waters are protected. 71% of our Earth is covered by ocean. Tiny marine plants produce over half of the world's oxygen, the ocean absorbs carbon dioxide gases that make our planet warmer and billions of people depend on marine life to sustain their own. If our oceans don't thrive, neither will we.
- **Reducing Pollution**- be careful what you throw down the sink or toilet. Don't throw litter into lakes, rivers or oceans. Use environmentally friendly cleaning products
- **Animal Classification**- animals can be grouped in lots of different ways
- upon their characteristics. You can use classification keys to help group, identify and name a variety of living things.

Vocabulary and background knowledge:

mantle	A portion of the earth between the crust and the core
magma	Extremely hot, liquid rock
Tectonic plates	The earth's crust is made up of large plates that join together
pollution	Anything introduced into a habitat that is harmful to living things
Water vapour	Heat from the sun evaporates water into water vapour
evaporate	When a liquid turns into a gas or water vapour
condensation	A gas cools and changes to a liquid
estuary	Where a river meets the ocean
tributary	A small river or stream that joins a bigger river
current	The strength and speed of a river
vertebrate	Animals with a <u>back bone</u>
invertebrate	Animals without a <u>back bone</u>
Climate change	Long-term shifts in temperatures and weather patterns



Recommended Reads:



Skills: understanding an atlas-identifying oceans/rivers/continents

Drawing and labelling diagrams-linked to Geography and Science

Using ICT for research-retrieving key facts.

Practical skills-designing and making using recyclable materials-joining/cutting/measuring

Making Links:

Mathematical- statistics linked to plastic pollution/percentages/understanding charts and graphs

Measuring liquids-link science/geography

Understanding measures linked to heights of mountains/depts of the earth's core etc

ICT- research/word processing/making power points

British Values

Democracy- rules against plastic pollution/climate change/write our own manifesto/climate protest/write to an MP

Tolerance- listening to views about how to make changes to our lives to protect our planet/Greta Thunberg

Rule of law- rules to help protect living creatures

Mutual Respect- respecting all living things/ways to respect our environment/make changes to our planet



Values & attitudes we can always show in this project:



The World beyond our doorstep...



Quality Outcomes & Experiences:

- Making our own volcano explode
- Climate change debates/action groups
- Writing a letter to an MP/Head Teacher
- Re-using materials-designing and making
- Organise a whole school Plastic free day.
- Art work linked to Green Turtles
- Poetry inspired by our planet

Local

- exploring our own local environment. Pollution in the Brayford etc/Recycling plants in Lincoln. What happens in our local area to help our planet? Explore local councils.

National

- UK river pollution/know and identify main rivers in UK

International

- Blue Planet- what's happening to our world? Extreme weather because of climate change. What can we do to make a difference?