

What is Lightning?

Cross Curricular Project

We bet you've seen it, heard it and probably been scared of it. However, what is lightning? We want you to find out everything you can about this natural wonder. Your challenge is to produce a fantastic poster. We'd love you to send us these so we can see and share your wonderful work. Hopefully the hints below will inspire you!

Art

- Could you use black paper/card or other colours of card to create a background?
- Could you use pastels, pencils, pens or anything else to create the streaks of lightning across the sky?
- Could you paint your lightning or use images from the internet to create a collage?
- You could even use streaks of colour using cotton buds or using food colouring!



Literacy

- Can you use powerful and complex vocabulary to share your information? *Wonderful, mesmerising, streaking, soaring, scarring, launching, slicing...*
- Can you use 2 pair sentences? *Streaking and cracking, slicing and thundering?*
- Can you create flaps, 3d fact boxes or extra information about famous inventors that made key discoveries?
- Can you use noun, which, where?
- Can you use brackets to give extra information?
- Can you use quality conjunctions? However, moreover, on the other hand, additionally, It is also believed that...

History

- Can you add information about the history of our discoveries and understanding about lightning?
- Who were the key inventors or scientists who helped us to understand it?
- Could you create a short timeline?

Science

- What is the science behind lightning?
- How does it link to electricity?
- Why can it be dangerous?
- How can we protect ourselves from lightning?
- What effect could it have on us?

Geography

- Is lightning more or less common in different parts of the world?
- Is there lightning on other planets?
- How do people cope/deal with lightning?
- How is lightning linked to the weather?

Links to help you!

- <https://easyscienceforkids.com/all-about-thunder-and-lightning/>
- https://www.youtube.com/watch?v=fEiVi9TB_RQ
 - <https://www.natgeokids.com/uk/>
 - <http://www.weatherforkids.org/lightning.html>