



Independent Learning Project Autumn 2

Year 4

Making Waves



During the school holidays you may want to do some additional learning in preparation for your new unit '**Making Waves**'. Below are some ideas but you can also let your imagination go wild! We would love to see what you do, maybe a poster, photos, a presentation, a model... We hope you have lots of fun getting ready for your next bit of Learning!

Making Waves Summary

Sound and light are all around us – from the sound of thunder and the flash of lightning in a storm, to a mobile phone ringing and flashing when someone calls us. We are surrounded by lights and sounds. But what is sound? How are sounds made? How do we see and hear? And why do we see lightning before we hear the thunder? We will need to be scientists, musicians and designers to find out all about light and sound waves!

Project Ideas

- What is sound?
- What is light?
- What is light or noise pollution?
- How can we take action to reduce light or noise pollution?
- Draw a picture of inside the eye or ear.
- Create a fact file about light or sound
- How do we get echoes?
- Why do we see lightning before we hear the thunder?
- How do instruments change sounds?

<https://www.bbc.co.uk/teach/class-clips-video/articles/zk3py9q>

What ideas do you have?

Please bring your projects in to school the first week back!