

# Home Learning – Year 6

## Science



### How can you light up your life?

Spend time in a blackened room, as dark as you can! Think about how your eyes adapt to the light. Why it is difficult to see anything? What happens? Have a discussion with someone at home.

The main source of light for the Earth is the Sun. Sunlight is essential to all life on Earth. Now we have more artificial sources of light powered by electricity and gas. *What light did people use in the past? How much light do they give?*

Read through this information about [How light travels](#).

Work your way through the information. You will be reading information, having a discussion, experimenting and answering questions.

Write up your ideas and findings and send them to me so that I can see what you found out.

## Science



### How can you light up your life?

Light travels in straight lines. How do we know this?

[How Light Travels Science Shorts Animation \(twinkl.co.uk\)](#)

Watch this video clip of how light travels in straight lines.

[Light travels in straight lines - KS2 Science - BBC Bitesize](#)

Can you set up your own investigation to demonstrate that light travels in straight lines? I would love to see a photograph of you with your experiment.



## Geography

### USA



**I want to see what you can remember!**

Think back to when we studied the USA. Without researching, I would like you to create something to show me what you have remembered. You also might like to try this [USA puzzle](#).

**Think about:**

- The continent
- Surrounding oceans
- States and where they are located. (You might like to test yourself again with this [State abbreviation map!](#))
- Human features
- Physical features

## RE

### **What would I stand up for and why?**



Think about something you believe in. What are you passionate about?

It could be a religious belief, something environmental, a rule or something you would like to change.

Tell me all about it in a detailed piece of writing. A reflection of your thought.

