

## Year 1 Home Learning Challenges Topic, RE + Science

### Challenge 1:

Learn about algorithms:

<https://www.bbc.co.uk/bitesize/clips/z28gmp3>

Now draw or write a set of familiar instructions- perhaps how to make a jam sandwich or how to brush your teeth!

What is an  
Algorithm?



### Challenge 2:

Create your own telescope!

Imagine what you might see from Earth- draw a picture of your findings. Perhaps you could draw the sky as it gets dark and record the twinkly stars. Is the moon bright tonight?



### Challenge 3:

Can you write an information booklet or page about Space.

What have you found out? Can you find out more here:

<https://www.natgeokids.com/uk/discover/science/space/ten-facts-about-space/>

Record your sentences under subheadings. Include pictures and interesting facts!

#### Examples

- non-fiction book
- information leaflet
- fact sheet or fact file



#### Structure

- use a title
- write an introduction
- put your information into sections
- give each section a sub-heading
- use facts that you have researched
- include pictures with captions



Challenge 4:

Can you program a robot?

<https://toybox->

[assets.files.bbci.co.uk/activities/legacy-bitesize-games/robot/navigation/index.html](https://toybox-assets.files.bbci.co.uk/activities/legacy-bitesize-games/robot/navigation/index.html)

Learn about coding here!

Challenge 5:

Can you create a weather diary?

Split your page into 7 days. Draw what the weather is like. Use your observation skills, go outside and explore. You could also record a sentence to describe the weather each day.

Remember to also check on your weather gauges - how much has it rained?

Challenge 6:

RE

~~Good news~~ Listen to the story of the Good Samaritan-

<https://www.youtube.com/watch?v=MLzdQtetedc>

Can you retell the story? Use drama, puppets or pictures to help you retell the story.

Now think of ways we can all show kindness to others. Record your thoughts in a heart.

