This week you have a choice of science activities, you can choose activity 1 or activity 2.

If you want you can complete both!

Activity 1 – Oak National Academy

Follow the link and learn about the particles in solids, liquids and gases!

<https://classroom.thenational.academy/lessons/represent-the-particles-in-solids-liquids-and-gases/>

Or you can complete activity 2 on the following page.

Activity 2

Galileo – Gravity

Watch the videos and use the links below.

<https://www.youtube.com/watch?v=QyeF-_QPSbk>

<https://www.bbc.co.uk/teach/terrific-scientific/KS2/zd9r2sg>

<https://www.youtube.com/watch?v=NMM8vx9vDiE>

Then answer these questions.

1. Who was Galileo?

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1. What was a key discovery of his?

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1. What makes a difference to how objects fall?

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Now you know a little about Galileo, try this experiment:

You need:

2 water bottles

Instructions:

1. Fill up one water bottle to the top.
2. Fill the second bottle half way.
3. Drop them from the same height.
4. What did you notice about your investigation?

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1. Why would it be different if you did this experiment on the moon?

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