



Enrichment Homework

Summer 2

Year Group: 5

Subject: Science

Link to learning: This half term, year 5 will be studying forces. Pupils will understand that gravity is responsible for unsupported objects falling towards Earth and identify the effects of air resistance, water resistance and friction.

Task: Write a factfile all about gravity. You will need to research this topic in depth before you begin to write.

-The discovery of gravity. Who was Sir Isaac Newton and what were his links to gravity? Use the following video to help.

<https://www.bbc.co.uk/teach/class-clips-video/science-ks2-the-work-of-sir-isaac-newton/zkw3qp>

- What is gravity and how do we measure it?
- Give examples of gravity in action. Discuss Isaac Newton's theory, how every action has an equal and opposite reaction. E.g gravity and upthrust are the two forces working to keep a boat afloat.

Expectations:

- Use diagrams (draw in pencil) where possible to fully explain your point. These diagrams should also be labelled where possible.
- Use subheadings to organize your work.
- Be sure to include scientific vocabulary.
- Presentation is key.
- Check your work for correct spelling, grammar and punctuation.

Due date:
Monday 18th July
2022