



## Dovedale Primary School

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### Creative Challenge - Autumn Term 2023

This term, **Year 5** have been learning about Earth and Space in their science lessons and would like to extend the knowledge and understanding at home by answering the enquiry question:

#### Where is my place in Space?

During this unit of work, our children have been exploring the following areas:

- How the rotation of the Earth causes day and night
- How the tilt of the Earth on its axis causes the seasons
- The misconceptions behind the causes of the phases of the Moon
- The order and names of the planets
- The types of planets: terrestrial and gas
- The Apollo 11 mission to the Moon
- How craters are formed and investigating these

Some Key Vocabulary we have looked at includes:

| Day   | Seasons | Celestial bodies | Sphere  | Shadow | Astronomer |
|-------|---------|------------------|---------|--------|------------|
| Night | Orbit   | Solar System     | Moon    | Star   |            |
| Year  | Rotate  | Spherical        | Planets | Solar  |            |

The Homework Challenge is to use and extend children's knowledge by **producing something linked to our topic that informs others in a creative way**. This can be through: design & technology, modelling, art, music, creative writing, game making or any other creative and different way children can think of to demonstrate their understanding of Earth and space. If you are experiencing any difficulties with the project, please speak to you child's class teacher.

We would like to encourage the children to **'think outside the box'** when working on this challenge.

Completion date for this challenge is **Friday 15th December**. Children will bring their challenges into school to show or present to the rest of their class.

Yours sincerely,

Year 5 Teachers

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## Imagine, Believe, Achieve