



Blwyddyn 5/6 Homework Grid – Our World and Beyond



Please spend quality time with your child completing some activities on this grid. There are 6 areas in total to work through; we expect your child to complete **at least 4** by **6th February 2026**. All activities have 3 'layers' that learners can choose to complete. For example they can choose the **must**, **should** or **could** statement for each activity—or even complete them all!

Languages, Literacy and Communication

Must: Imagine you are an astronaut who has just landed on Mars.

Write a short diary entry describing what it is like there.

Should: Create an information page explaining what humans need to survive in space or on Mars.

Could: Write a persuasive letter or speech arguing FOR or AGAINST humans living on Mars.

Mathematics and Numeracy

Must: Create a simple table showing daily temperatures on Mars for five days.

Should: Work out how many days it would take to travel 54 million kilometres if a spacecraft travels 6 million kilometres per day.

Could: Calculate how far a spacecraft would travel in 7 days if it travels 6 million kilometres per day, and explain what this tells you about space travel distances.

Health and Wellbeing

Must - research how long astronauts have to train and what **type of training they need to do**.

Should - Imagine you're an astronaut on Mars. Draw a healthy "space snack" you would eat to stay strong and energized. Label what makes it healthy.

Could - Design a full one-day wellness plan for a Mars astronaut including: Meals, Exercise, Rest & relaxation and fun activities.



Share your homework on seesaw or complete on Google Classroom.

Expressive Arts

Must - Draw or colour a picture of Mars. Use colours and shapes to show what you think Mars feels like.

Should - Create a short stop motion showing an astronaut exploring Mars.

Could - Create a short piece of music inspired by a NASA mission to Mars.

Science and Technology

Must: Research one thing humans need to survive in space or on Mars and record two scientific facts about it.

Should: Create a simple Scratch animation showing a rocket travelling into space or to Mars.

Could: Create an interactive Scratch project where the user controls a rocket or robot, and include a scientific challenge (such as landing safely or surviving on Mars).

Humanities

Must: Make a timeline showing three important events in space exploration.

Should: Write a short paragraph explaining whether humans could live on Mars and give one reason for and one against.

Could: Write five facts comparing Earth and Mars, including temperature, water and atmosphere.