



Dear Parents/Carers

Over the next few weeks those of us in Year 5 and 6 will be following a unit of work called 'Mission to Mars'. During this unit we will be focusing on Science, Geography, Technology, History, Physical Education, Society and International.

**In Science, we'll be finding out:**

- about the planets in our solar system
- about mass and weight, and the effects of gravity
- how to grow seeds and plants, and choose those that will be suitable for Mars.
- how to identify a living organism
- about different energy sources
- about different forces and their effects
- how to choose the best energy source/s for our Mars shelter

**In Geography, we'll be finding out:**

- about the geographical features of Mars
- how we can prove that there was once water on Mars

**In Technology, we'll be finding out:**

- about the technology that has been used to explore Mars
- how to design and make a robot to explore Mars
- how to design and make a suitable shelter for living on Mars

**In History, we'll be finding out:**

- about what people in the past used to think about Mars
- about the evidence to prove and disprove intelligent life on Mars

**In Physical Education, we'll be finding out:**

- how to ensure we are fit and healthy for our space mission
- how to plan and test our own exercises suitable for space travel

**In Society, we'll be finding out:**

- how to work as a team
- how to assemble a successful team for our mission to Mars



**In International, we'll be finding out:**

- how to write our own international rules and regulations for Mars
- about the reasons why we might one day need to live on another planet

All of the work we are going to do has been specifically developed to help your child reach the learning goals. Children will be reading, researching, writing, illustrating, working on their own and working in groups. We will be checking to see how well your child has learned through particular activities and asking children to explain their work, perhaps to you.

We already know the interest you take in your child's work. If you can, please discuss with your child the work they have done as the team progresses and let them teach you.

From the Year 5 and 6 team.