



"Where every person matters"

Ref:BL/nc

6TH June 2019

Dear Parent / Carers,

Tomorrow Friday the 7th of June students will take part in a STEM "Mission to Mars day", which will look at the journey and exploration of the planet Mars. Students will take part in a range of different activities hoping to solve some of the problems faced by a team travelling to another planet. STEM is an initiative to gather areas of Science, Technology, Engineering and Maths to take part in collaborative projects, with the aim of raising students understanding and aspirations of engineering.

As a school we have worked collaboratively to put a STEM project curriculum day together, to promote these subject areas and to allow students the opportunity to problem solve.

Your child will take part in a range of activities but not everybody will do all the activities. Some of the activities planned are as follows

- A Rocket building factory with the external group, Starchaser, in which students will build and fire their own compressed air rockets.
- Taste testing a range of unidentifiable astronaut food in a blindfold challenge.
- Building a Mars Rover model to explore the surface of Mars.
- Using virtual reality headsets to simulate a Mars space craft landing.
- Taking part in an Astronaut physical training programme.

All the activities will be done within the school day and students will leave school as normal.

Please could you ensure your child comes to school in their PE kit and has a change of clothes with them in case they need to change.

Yours Sincerely,

Ben Lord Head of Design Technology

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