



St Mary's Catholic Primary School

Headteacher: Mrs Helen Armstrong
Diocese of Plymouth

17th October 2017

Dear Parents and Carers,

Y5 and 6 pupils have been offered the chance to take part in the #GenerationBeyond challenge which asks them to create a 2 minute video outlining their plans for a vehicle that can take humans to Mars. Group size is 1 to 4 children and the deadline for submission is Friday December 15th 2017.

The video is to be uploaded to YouTube where a panel of experts will judge on the following points:

Scientific knowledge 30%

Ingenuity and innovation 30%

Effective communication 20%

Overall presentation 20%

More information can be found at <https://www.generationbeyonndinschool.co.uk/challenge>

To support the children in school we will be running an after school club every Thursday from **15:30-16:20** on the following dates:

Thursdays: 2nd November, 9th November, 16th November, 23rd November, 30th November.

Thursdays: **NO CLUB 7TH DECEMBER** – LEESON HOUSE RESIDENTIAL. **Final date THURSDAY 14th DECEMBER.**

The club will focus on the children building group work, leadership and communication skills as they work independently on their projects ready for submission at the final club meeting on THURSDAY 14TH DECEMBER.

For those children who are successful in uploading a video we will require permission from parents in line with the terms and conditions of the challenge. However, this will not be necessary until we have a viable video to upload.

We will also be looking for parents with knowledge and expertise in the coding, aeronautics and energy sectors to come in and brief participants on the best choices for their craft. Please contact me via the office if you feel able to help with this; a short (15-20 minute) input at one club meeting is all that is required.

Please note that if your child wishes to take part in the GenerationBeyond challenge, but cannot attend the club, they will still be able to do so.

I hope you will agree with me that this is an exciting and innovative Science, Technology, Engineering and Maths (STEM) project that will provide a real challenge for all.

I look forward to sharing the projects with you in December,

Yours faithfully,

Mr. R. Howard
Academically More Able Children Leader.

STEM CLUB Please return to school office by October 30th please

Pupil's name _____

Class _____

I give consent for my child to take part in the above club

Signature: Parent/Carer _____

Date _____

Emergency Contact No. _____

Medical conditions we need to be aware of: _____

"Inspiring each other to learn, in the light of Christ"

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