

Whitnash Primary School

'Learning, growing and succeeding together'

Headteacher
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Dear Parents/Carers,



Please find below details of an optional Science STEM home learning activity– the **'Marble Keepy Uppy' competition**.

The idea is to build a marble run which keeps a marble moving for as long as possible along a home built track. Children can work alone, in teams of up to 5, or with other members of the family.

The device must keep a solid glass marble in continuous motion for as long as possible before reaching the floor.

Entries will be judged on:

- Length of time that the rolling marble takes to reach the ground.
- The creativity, originality and inventiveness of the design.

This video gives a good introduction about how to approach the project:

www.sciencebuddies.org/stem-activities/wall-marble-run

Please only use a wall you are happy to stick tape to! Or the inside of a box can work well too.

A quick search on the internet for home made marble runs and record breakers will give so much inspiration. Be sure to discuss with your child how to keep the marble in motion for a long time. Note the very gentle slope of this run and how the creators keep slowing the marble down to make it run for longer! www.youtube.com/watch?v=OYXjUEIJnx8

Sadly, we cannot allow all the marble runs into school for judging, so we would very much like to see videos of your marble run, filmed at home, but ensuring we can clearly time the run. Please send your entries to **sciencewpr@welearn365.com** and we will really enjoy watching them all and deciding on winners. There will be fabulous Science prizes for the top 3 entries and certificates for all who take part.

Please send all entries in by Friday 12th November 2021. Winners will be announced, and prizes awarded the following week.

If you need any help or assistance please don't hesitate to ask. 😊

Mrs Roger
Science lead

