

Marble Run Challenge – February 2021

The challenge:

Using recycling & household objects you must plan and engineer the most interesting Marble Run you can.

You do not have to use a marble, any ball will do, but it must get from one end of the run to the other. So a cut open kitchen roll tube could be a shoot, a pair of chopsticks could funnel from one zone to another and a shoe could even be the final end pot. You need to consider how quickly you want the ball to descend, how you will angle the objects so that the ball doesn't fall off the course plus watch out for obstacles which could mean the ball gets stuck! Perhaps your course could even have a theme? Have fun and good luck.

How to submit:

When you are ready video the marble run and submit your film to ekstpartnership@gmail.com with **EKST Marble Run** in the subject line.

Closing date is 5pm on 1 March 2021.

The judging:

Najah Battikh, Engineering Academic at Canterbury Christ Church University, will judge your marble run based on **creativity** and the **length of the time** the marble is in motion.

The prizes:

There will be one overall winner and two runners up prizes (one for KS3 and one for KS4). Prizes to include an amazon voucher plus a fabulous prize from CCCU.

For inspiration:

<https://www.youtube.com/watch?v=INOWn0XgPXQ>

https://www.youtube.com/watch?v=GEXjh4_mXBk

<https://www.youtube.com/watch?v=RwZz0hHGLzw>

