



DESIGN TECHNOLOGY TRANSITION TASK

Marble Run

Finally, a good way to use all of those old cereal boxes! Creating and debugging a marble run is really fun.

Materials.

Cardboard, paper, sellotape and any household items that will help!



The Challenge – Use a cardboard box and any other household materials that you feel are suitable to create a marble run. The marble must run for 10 seconds. If you don't have a marble you can use any small ball, or rolled up paper.

You will need lots of test runs to figure out where the marble gets stuck or falls off and plenty of tweaking to find ways to slow down the marble. 10 seconds is a long time.

Video your success, add sound/effects and email to Mr Chestnutt at: chestnutta@maghullhigh.com



Watch the videos below for inspiration.



<https://www.bing.com/videos/search?q=marble+runs+dyson&&view=detail&mid=0361A8C879A5800207070361A8C879A580020707&&FORM=VRDGAR&ru=%2Fvideos%2Fsearch%3Fq%3Dmarble%2Bruns%2Bdyson%26FORM%3DHDRSC3>

<https://www.bing.com/videos/search?q=marble+runs+dyson&&view=detail&mid=18E2E0EB4BE798F8818F18E2E0EB4BE798F8818F&&FORM=VRDGAR&ru=%2Fvideos%2Fsearch%3Fq%3Dmarble%2Bruns%2Bdyson%26FORM%3DHDRSC3>

<https://www.bing.com/videos/search?q=home+made+marble+run&&view=detail&mid=E91AA0B6A1507EFB75C1E91AA0B6A1507EFB75C1&&FORM=VRDGAR&ru=%2Fvideos%2Fsearch%3Fq%3Dhome%2520made%2520marble%2520run%26qs%3Dn%26form%3DQBV%26sp%3D-1%26pq%3Dhome%2520made%2520marble%2520run%26sc%3D7-20%26sk%3D%26cvid%3D81721A610D2D4E87A94053ACF21AC623>