



Key Vocabulary

Marble run	A marble run is a structure that allows a marble to travel along a pathway, avoiding or using obstacles to navigate its path.
Fixings and support structure	The various features of the marble run need to be fixed together securely to allow it to function correctly and to withstand repeated use.
Slanted tracks	When a track is slanted downwards, the marble will travel at a faster speed. When it is slanted upwards, the marble slows.
Funnel	A funnel will lead your marble to the centre and then drop it through a central hole.
Catcher	Where the marble will be caught at the end of the run.
Bend	A bend will add a challenging obstacle to your marble run and will slow the marble down.

Key Resources

Example of a marble run.

<https://www.youtube.com/watch?v=LGYZ4JbYTpc>

Access to iPads / Laptops to conduct research.



Key Learning

- To investigate freestanding structures and explore ways to make structure stable.
- To plan a marble run.
- To select appropriate tools and techniques for making their product.
- To evaluate my final product.
- To apply my knowledge and understanding to complete a challenge.