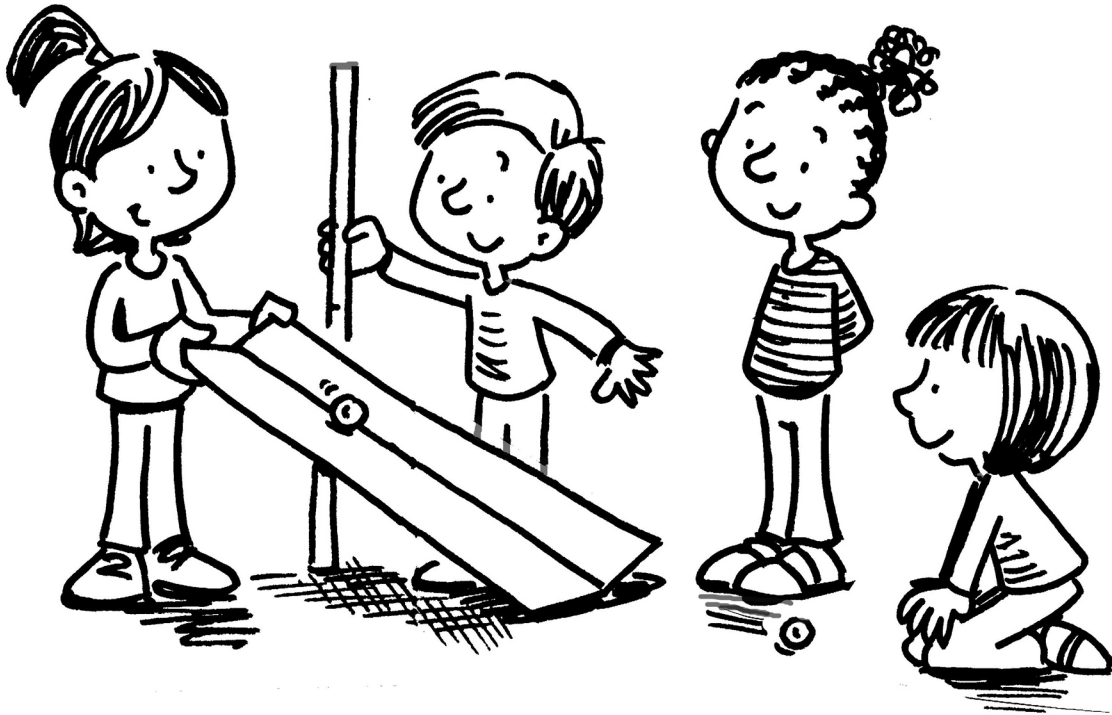


Play Marble Madness

These children are playing Marble Madness! They roll a marble down a ramp towards another marble. They want to find out which surface will make the marble at the bottom roll the furthest.



Can you help?

What you need to do

- Discuss how you are going to carry out the test and which surfaces you will investigate.
- Record your results so that you can explain how you found out which was the best surface.
- Write a set of instructions to help other children find a good surface to play the game on.

You may find these words helpful

marble, ramp, smooth, rough, roll, hit, far, close

Name: _____

Class: _____ Date: _____

Results:

Instructions

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- You will need one ramp and two marbles.
- Find a surface that is _____
because _____
Do not use _____ because _____
- Place one marble at the bottom of the ramp and hold the other marble at the top of the ramp.
- Let go of the marble at the top of the ramp and see how far the bottom marble travels.
- The winner is the person who manages to knock the marble at the bottom of the ramp the furthest.

For teacher use

What went well	
How to improve	