

Week 8 - Home learning

Year 1 Maths

Friday - Problem Solving

For any support please email: WDV.YEAR1@Oasiswoodview.org

Click on the link below to try and solve the following problem

<https://nrich.maths.org/2858>

Three Ball Line Up

Age 5 to 7

Two children are playing with three balls, one blue, one red and one green.

They toss up the balls, which run down a slope so that they land in a row of three.

In how many different ways could the balls land?

How do you know you have found them all?

You might like to use the interactivity below to explore the problem.

The screenshot shows an interactive interface for the 'Three Ball Line Up' problem. At the top, the title 'Three Ball Line Up' is displayed in white text on a dark background, with a purple gear icon for settings on the right. Below the title, there is a question box that reads 'In how many different ways can the balls land?'. To the right of the question box is a 'Table' tab. The main area of the interface shows a grey hexagonal shape representing a slope, with three colored circles (blue, red, and green) positioned inside it to represent the balls. At the bottom of the interface, there is a 'Run once' button.

Outcome
