

Decimals: Challenges, problems and investigations on nrich website (run by Cambridge University)

This is an amazing FREE website run by Cambridge University. It has a massive range of challenges, problems, games ,activities and articles for all ages (including parents!). It is worth having a look and exploring the site as it is particularly good at developing children's reasoning skills and has activities for all abilities. Many are open ended tasks and solutions are usually provided (in teachers' notes).

These are suitable for this week's work on Decimals:

Spiralling Decimals <https://nrich.maths.org/10326> nice decimals game to play with a partner. Need to print out board. This is Mr. Collard's favourite on here!

Greater than, Less than ! <https://nrich.maths.org/10587> Comparing Decimals activity

Round the Dice Decimals 1 <https://nrich.maths.org/10438> rounding decimals challenge (uses interactive dice)

Round the Dice Decimals 2 <https://nrich.maths.org/10428> follow on to challenge above but greater difficulty!

Route product <https://nrich.maths.org/5632> challenge (requires some multiplying of decimals)

Matching Fractions, decimals and Percentages <https://nrich.maths.org/1249> interactive matching pairs activity. This requires some understanding of percentages but some confident children should try this one.

If you are having problems finding suitable activities or cannot navigate the site please email Mr.Collard

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