

Circles Maths
Week beginning 20th April 2020

Please pick one maths activity to complete each day.

Activity 1: Multiplication and Division

- Explore the relationship between multiplication and division by watching the video on <https://www.bbc.co.uk/teach/class-clips-video/maths-ks1-ks2-the-relationship-between-multiplication-and-division/zdqb47h>
- Watch the video to re-cap how to use inverse triangles/fact family triangles: <https://www.youtube.com/watch?v=-JFcesiUTpw>
- Complete the 'Inverse' worksheet and upload your answers to the **Assignment titled 'Circles Inverse'**.

Activity 2: Division

- Complete the 'Circles Worded Problems' worksheet and upload your answers to **Assignment titled 'Circles Worded Problems'**.

Activity 3: Problem Solving (1)

- Complete the 'Total 15' worksheet and upload to **Assignments under 'Total 15'**
- Additional online game (optional) <https://www.topmarks.co.uk/Flash.aspx?f=MagicSquares>

Activity 4: Problem Solving (2)

- How many different clothing combinations can you make for Bobby Bear?
<https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Bobbie-Bear/>
You can adjust the challenge level of the game by pressing the 'Customize' button. Can you work out a way to find out the answer to the question 'how many outfits can you make?' without having to put each outfit on?
- Head over to <https://nrich.maths.org/108> and work through the 'Teddy Town' problems. These problems are solved using what is known as 'logic'. You can work through it online or can use coloured card, drawings or teddies to help you work through the problems.

Upload your solutions to the **Assignment titled 'Teddy Town Problem Solving'**.

Activity 5: Sumdog

- Complete the challenges and assessments on Sumdog