

Year 3 Maths Everywhere – Times Tables Hopscotch

Draw a giant hopscotch grid outside and use a stone to throw, or draw a grid on paper and use a counter or a pasta shape to flick onto the grid.

Start with the numbers 0 to 12.

Choose a times table for the squares (like the picture that shows the 4 times table).

Jump or use your fingers to get to where the number that your counter/stone has landed. Then you multiply that number in your chosen times table.

You say the times tables and the multiple it represents.

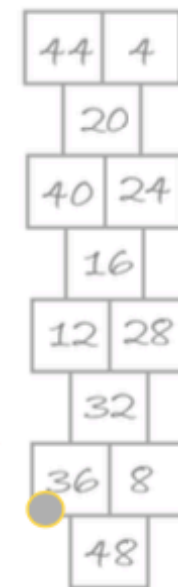
Change the numbers in the hopscotch to show the products and use division to say your answer (this picture shows how this could be done).

Play the game several times and practise the 2, 3, 4, 8 and 10 times tables.



$$6 \times 4 = 24$$

There are 6
fours in 24



36 divided by
4 is 9



Year 3 Maths Everywhere – Shape division?

Gather some lolly sticks, twigs or drinking straws.

Select a random number of sticks or straws and decide how many of the same shape that you can make. If there are remainders use them to create different shapes.



I think that I can make five hexagons with these and one quadrilateral.

I think that I can make seven quadrilaterals and one hexagon.

How many different shapes can you make?
Remember to name them.



Year 3 Maths Everywhere – Nim

- Play this game with a partner.
- Choose one group of seven objects.
- These can be pencils, counters, marbles or anything that you can find.
- Take it in turns to take one or two items at a time.
- The winner is the person who makes the last move so that there is nothing left.
- Take it in turns to go first, play the game again and keep a running score.

Does it matter who goes first?

What strategies could you try?

What happens if you have a different amount of objects?

Does it matter if the amount of objects is odd or even?

Try with 21 objects where each player can take 1, 2 or 3 each go.

