

Home Learning – Friday 10th January 2025

Maths

Make connections in multiplication and division. Encourage them to explore the connections between multiplication, arrays and repeated addition.

In terms of division, encourage your child to:

Use grouping, sharing, and arrays

Think about the relationship between division and repeated subtraction

See the connections between fractions and division (for example, $40 \div 2 = 20$, 20 is half of 40).

You can also help your child use commutativity and inverse relationships to solve calculations. For example:

If they know that $4 \times 5 = 20$, then they know $5 \times 4 = 20$ because multiplication is commutative (i.e. can be done in any order).

If they know that $4 \times 5 = 20$, then they know $20 \div 5 = 4$ and $20 \div 4 = 5$ because multiplication and division are inverse operations.



Arrays also provide a great opportunity for children to explore the connections between multiplication and addition, as well as multiplication and division. Give your child a multiplication calculation from the 2, 5, or 10 times tables and ask them to tell you or write down any other related addition, multiplication or division facts. Talking through how they know each fact will help them to understand how the operations relate to each other.

<https://www.topmarks.co.uk/number-facts/number-fact-families>

<https://wordwall.net/resource/30293555/math/2s-multiplication-division>

English

Research a bird of our choice. Draw a picture and write some facts about the bird.

Play the matching game below:

<https://wordwall.net/resource/3254586/birds-memory>