

Year 2 Fact Families

Practical Maths Guidance

Activity Outcomes

- This is a Year 2 objective, however it can be adapted for younger or older children.
- Your child will learn how to recognise fact families by creating number sentences.
- They will also practise how to add and subtract to find fact families.

Setting Up

What you will need

- Paper plate – or any kind of circle that can be split into 3.
- Counters - coins, pasta, cereal or homemade paper counters would also work
- Paper or whiteboard
- Dice x 2 (dominoes would also work for this)

Activity Guide

Activity 1 – Fact Family Plate

- Set up a plate that has been split into three.
- Place some counters into two of the sections on the plate. Ask your child to add together the two amounts and place the answer into the missing section by counting out the correct number of counters.
- Discuss with your child what happens when you take away one of the sections. Can they verbalise this into a number sentence then write it down? What about if
- Ask your child to put some counters into each section of the plate. What can they say about the relationships they can see?

Activity 2 – Dice Number Sentences

- Using two dice, ask your child to roll two numbers. Add those numbers together and write down the number sentence.
- Encourage your child to create further number sentences that will be in the same fact family, ending up with two addition sentences and two subtraction sentences. Children can write the sentences into a house shape to explore the concept that they are related.
- To extend further, create sentences for your child and cover up one of the numbers, encouraging your child to problem solve to find the missing number.

Questions you could ask your child during the activity

- What number sentences can you write?
- Can you describe each number? Which is bigger? Which is the smallest?

Further Support and Ideas

- Watch this idea on YouTube here: <https://www.youtube.com/watch?v=TmKcadq1V8w&t=20s>
- For tutorials, interactive games and more to support this lesson on fact families visit kids.classroomsecrets.co.uk