

Year 2 Investigations – Coins

Teacher Guide

National Curriculum Objectives:

Mathematics Year 2: (2M3a) [Recognise and use symbols for pounds \(£\) and pence \(p\); combine amounts to make a particular value](#)

Mathematics Year 2: (2M3b) [Find different combinations of coins that equal the same amounts of money](#)

Teaching notes:

This investigation is about coins. The two different investigations you can carry out are:

1. Put one of every coin in order from smallest to greatest value. What do you notice?
2. Sasha buys a cupcake. She uses 5 silver coins to pay for it. How much could the cupcake cost? How many different combinations can you find?

Use the question prompts if your pupils require some hints.

More [Year 2 Maths Investigation](#) resources.

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Investigation Year 2 – Coins

1. Put one of every coin in order from smallest to greatest value. What do you notice?

Ideas for concrete resources to provide:

- Examples of real coins
- Similarities and differences table

Question prompts:

- What do you notice about the colours?
- What do you notice about the shapes?
- What do you notice about the sizes?
- What do you think the coins are made of? Are they all made of the same material?

2. Sasha buys a cupcake. She uses 5 coins to pay for it. How much could the cupcake cost? How many different combinations can you find?

Ideas for concrete resources to provide:

- Examples of coins (real or pretend)

Question prompts:

- What values can you make with 5 of the same silver coins?
- What is the lowest value you could make with 5 silver coins?
- What is the highest value you can make with 5 silver coins?