

Year 2: Know 100p = £1

Race to £1

Aim of the Game

Race to make £1 by adding coins to total 100p.

You will need



Multiple full range of coins – school should have a supply of plastic money you can borrow.

Before you play

- Using coins, explain that £1 is worth the same as 100p.
- Can you make £1 using ___p coins?* Help them find different ways to make £1 using 1 value of coin at a time. E.g. 100 x 1ps or 50 x 2ps or 20 x 5ps etc.
- Can you make £1 using different coins?* Help them find a few different ways using a mix of coins. E.g.

$$50p + 20p + 10p + 10p + 5p + 2p + 2p + 1p = 100p$$

so

$$50p + 20p + 10p + 10p + 5p + 2p + 2p + 1p = £1$$

- Jotting totals on a white board, using a number line, 100 square or Base Ten/Dienes will support addition.

Play

- Set up white board with a column for each player and layout coins and die.
- Take turns to roll the die.
- Check the chart to the right to see which coin matches the number rolled.
- Put the coin on your half of the white board and add up them up as you go.
- The first to make £1 wins!

Race to £1

1. Take turns to roll a die.
2. Pick the coin that matches the number rolled.
3. Put the coin on your half of the white board and add them up as you go.
4. The first to make £1 wins!

Remember!
100p = £1

- Here's an example of a game in progress with jottings, 100 square and Base Ten/Dienes to support addition to 100p/£1.

The image shows a composite of three parts illustrating a math activity:

- Left:** A 100 square grid with numbers 1 to 100. The number 27 is circled, and the number 7 is also circled in the top row.
- Middle (A):** A student's work showing three coins (one 2p, two 10p) and calculations: $2p$, $5p + 2p = 7p$, and $20p + 7p = 27p$.
- Right (B):** A student's work showing three coins (one 10p, one 1p, one 5p) and calculations: $10p$, $11p$, and $16p$. Next to it is a base ten block representation of 16, consisting of one ten rod and six one units.

Reflect

- How many pence are there in £1?
- How do you know you have £1?
- $60 + 40 = 100$, so can you make £1 using a 60p coin and a 40p coin? How do you know?

Language

One pound is equal to ____ pence.

There are ____ p coins in £1

____ + ____ = 100, so ____ p + ____ p = £1

Race to £1



1. Take turns to roll a die.



2. Pick the coin that matches the number rolled.



3. Put the coin on your half of the white board and add them up as you go.



4. The first to make £1 wins!



Remember!
100p = £1