

## Making money

### Activity 1

**Focus of activity:** Identifying coins (10p, 5p, 20p, 1p); Exchanging coins for their value in pennies.

#### Working together: conceptual understanding

- Use 10p, 5p, 2p, and 1p coins (real if possible). Hand out to the chn. *Whose coin is worth the most? Which is worth the least?*
- Check chn are confident knowing all the coins and their value. Note any who are not.
- Put chn into pairs and hand each pair 10+ 1p coins.
- Hold up a 5p coin. *How much is this coin worth? What is its value?*
- Ask chn to make the same value using their 1p coins in their pairs. Encourage them to discuss. *How can you be sure it is right? 5p is worth five 1ps. They are both worth 5p. You could buy the same 5p sweet either using a 5p coin or five 1p coins.*
- Repeat using a 2p coin, then a 10p coin. Discuss which is most; how do they know? *Which is better 5p or five 1p coins? 10p or nine 1p coins?*
- Hand each pair five 2p coins.
- Hold up a 5p coin. Ask pairs to make 5p in two different ways. Discuss how you can make 5p using: 2p, 2p, 1p, and 2p, 1p, 1p, 1p, and 5 x 1ps.
- Reinforce chn's comments and encourage them to say how you make 5p, how two 1ps makes 2p, etc. Model and encourage them to count coins as their value, not as individual coins, e.g. 2p and 2p is 4p.

#### Up for a challenge?

- Hold up a 10p and ask pairs to make 10p at least two different ways.
- Look at different ways to make 10p. *How many ways have we found? How can we tell they are different? How can we be sure they are worth the same?*
- Offer 5p coins, can they make 10p using these?

#### Now it's the children's turn:

- Hand out coins (10p, 5p, 2p, 1p) two per child.
- Chn identify coins and say their value.
- They work in pairs to make 5p using 1p coins.
- Then they make 2p, and then 10p using 1p coins.
- Children explain how you can make the same amount using different coins. How do you know they are worth the same?
- Give chn 2p coins to go with their 1p coins
- Ask them to make 5p in two different ways.

#### **S-t-r-e-t-c-h:**

How many ways can you find to make 10p using 2p and 1p coins?

**Things to remember**

*Children identify coins: 10p, 5p, 2p, 1p.*

*Children can make 10p, 5p, 2p, using 1p coins and know five 1ps is the same as a 5p coin.*

Encourage children to use adding skills, learning bonds to 5 and 10.

You may want to add something that has emerged from the activity. This may refer to misconceptions or mistakes made.

<b>Resources</b>	<b>Outcomes</b>
<ul style="list-style-type: none"><li>Coins: 40x1p, 20x2p, 10x5p, 6x10p. Real coins if possible.</li></ul>	<ol style="list-style-type: none"><li>Chn can identify coins: 1p, 2p, 5p and 10p.</li><li>Chn can match amounts using 1p coins to make 2p, 5p and 10p</li><li>Chn can make 5p using different coins.</li></ol>

# Making Money!

## Activity 1

### Work in pairs

#### Things you will need:

- Coins: 40x1p, 20x2p, 10x5p, 6x10p. Real coins if possible.



#### What to do:

- Count out ten 1p coins. Make sure you have exactly ten!
- Take a 5p coin.
- Use some of your 1p coins to make the same amount as your 5p.
- Take a 2p coin.
- Use some of your 1p coins to make the same amount as your 2p.
- Take a 10p coin.
- Use your 1p coins to make the same amount as your 10p coin.
- Take five 2p coins
- Make 5p using 2p and 1p coins. Make it again in a different way.



#### *S-t-r-e-t-c-h:*

How many ways can you make 10p using 2p and 1p coins?

#### Learning outcomes:

- I know 1p, 2p, 5p and 10p coins.
- I can make 5p 2p and 10p using 1p coins.
- I know 5p is the same if you use a 5p coin or five 1p coins.