

The Flourish Federation—Knowledge Organiser

Brookfield Infant and Junior Schools



Subject Focus:

Maths

Year 1 - Term 2

Measure (Money)

What? (Key Knowledge)

Recognise and know the different denominations of coins and notes.

Recognise coins equivalence (ten 1p coins is the same as one 10p coins).

Combine several of the same coins to make an amount.

What? (Key Vocabulary)

Vocabulary

Coin
A representation of an amount of money. Children need to know that one coin isn't necessarily worth 1 but could be worth more.

Note
A representation of an amount of money.

Worth
The equivalence in value.

Visuals/Diagrams



Using coins children make links to times tables. What do they notice?



It is important to highlight to children that the physical size of the coin does not show it's worth.

"How many 1p coins make up this 10p coin?"



Children should use their understanding to place value to begin to see that a 10 pound note can represent many pounds.

It is worth the same as ten £1 coins or 3 £2 coins and 4 £1 coins. They should see this visually.

Examples of Reasoning

Which is the odd one out?

20 p

8 p

2 p

10 p

Why?

Dora says:



All coins are round.

Do you agree with Dora?

Justify your answer.

8 p is the odd one out because we do not have an 8 p coin.

Dora is incorrect.

A 50 p coin isn't round.
A 20 p coin isn't round.
A £1 coin isn't round.

Teddy is given one  for Christmas.

Eva is given two



I got more than you did because my number is bigger.

Teddy

I got more than you did because I got two notes.



Eva

Who is correct?

Explain your reasoning.

Both Teddy and Eva are wrong because they both have £10.

Eva has two £5 notes, which makes £10, and Teddy has a £10 note.

Examples of Problem Solving

Jack, Rosie and Amir each have some money in their pockets.
Jack and Amir both have coins and Rosie has a note.



I have more money than Rosie.

Amir



I have less money than Rosie.



Jack

What note could Rosie have?

Always, sometimes, never

Money in notes is worth more than money in coins.

Rosie could have a £5 note. She could not have a £10 or a £20 note because they are larger than Amir's amount.

Sometimes - if you have £6 in coins it is worth more than a £5 note. However you could also have less than £5 in coins.

Alex has 2 silver coins.

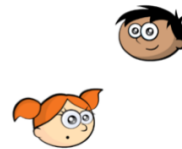
Teddy has 5 bronze coins.

Amir has 1 silver coin.

They all have the same amount of money.

Which coins do they each have?

Collect or draw the coins to prove it.



Are there any other amounts that this works for?

Alex has two 5 pence coins.

Teddy has five 2 pence coins.

Amir has one 10 pence coin.

They all have 10 p.

You could have two 10 pence coins making 20 pence and one 20 pence coin but there are not 5 bronze coins which make 20 pence.

ICT Opportunities

Purple Mash:

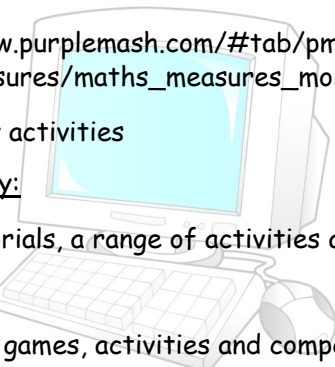
- https://www.purplemash.com/#tab/pm-home/maths/measures/maths_measures_money
- Many money activities

Education City:

- Videos, tutorials, a range of activities and games

Manga High:

- A wealth of games, activities and competitions



Daily Maths

- Questioning during the register (How many people are absent? How many children are here? How many more children have school dinners than packed lunch).
- Lining up games - counting on/back, 2x, 5x and 10x table games
- Days of the week/months of the year

