Dr Fog Presents

Using addition and subtraction with shopping

Year 2 (National Numeracy Strategy)
(Based on DFEE Sample Lessons)

Resources

- Real or toy coins (1p, 2p, 5p, 10p, 20p pieces)

- Items for the class shop priced from 2p to 9p (this activity is done in the context of a class shop)

Mental Learning Objective

- Today's lesson is about the addition and subtraction of money.

Mental Learning Task

- Your teacher will show you some different coins.

Mental Learning Task

How many 1p pieces are worth the same as a 10p piece.

Mental Learning Task

How many 5p pieces are worth the same as a 10p piece.

Mental Learning Task

- If you had lots of 2p coins and I asked you to swap my 10p coin for some of them, how many would you give me.

Mental Learning Task

What is the difference in value between a 5p piece and a 10p piece?

Mental Learning Task

What is the difference in value between two 5p pieces and a 2p piece?

Mental Learning Objective

- Today's lesson is about the addition and subtraction of money.

Main Learning Objective

- Today we are going to practise giving change in the play shops.

Main Learning Task

- Give out some 10p coins (One to each child)
- Children come up and buy an item from the teacher.
- Count the change.

Main Learning Task

- After a while, start giving out different types of coin.

- Is there any other way I could give you change using different coins?

Main Learning Task

- A mango is 12p
- I was given 20p
- What is the change?

- What number sentence could I write?

Main Learning Task

Solve these questions.

a) 7 - □ = 4

b) 6 + □ = 12

c) 8 + 3 =

d) 9 - □ =

e) 20 - □ = 15

f) 7 + 9 = □

g) 11 – 7 = □

h) 19 + □ = 25

Main Learning Objective

- Today we are going to practise giving change in the play shops.

Plenary

Mark your work as the teacher gives the answer.

a) 7 - □ = 4

b) 6 + □ = 12

c) 8 + 3 =

d) 9 - □ =

e) 20 - □ = 15

f) 7 + 9 = □

g) 11 – 7 = □

h) 19 + □ = 25

Plenary

- Can you make these families of sums
- An example is…..

2 + 4 = 6

4 + 2 = 6

6 – 4 = 2

6 – 2 = 4

Plenary

- What number family would go with

5 + 3 = 8

Plenary

- What number family would go with

49 - 17 = 32

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