

Aim/context

To develop the children's understanding of whole number money values and increments of 50p.
To practise adding 2 money values together to find a total price.
To be able to multiply a value by 2.
To be able to record a value of money using pounds, pence and £ signs and decimal points.

Level 1 - Age group year 3/4

This activity will ask the children to add together the cost of hiring shoes and the game price and then multiply this value by 2 to find a total price. An extension will be that they need to play 2 games and the children must remember that they do not need to pay for shoe hire twice, so they must only multiply the game price and add the shoe hire afterwards.

Skills

Mathematics

I can solve simple problems using number and multiplication facts

Financial Education

I know some different ways of keeping track of my money
I know cash is only one way to pay for goods and services (chip and pin)

Scottish Curriculum Ref: MNU 2-03a

Teacher tips

Previous knowledge needed:

- To have experience of multiplying by 2.
- To have experience of recording money values using £ and a decimal point.
- To know that you will only need to pay for shoe hire once regardless of whether you are playing 1 or 2 games.

Key questions/prompts

Using whiteboards/chalkboards (1 per child or 1 between 2) ask the children to work out the answers to these questions and write the answer using £ and decimal points correctly.

Model adding together 2 amounts and recording the total, ask the children to record the total in the same way on their boards. Then ask the following questions:-

- Add £3.50 and £1. What is the total?
- Add £2 and £1.50. What is the total?

Repeat this type of question until the children are confident in adding values and recording the total.

Model multiplying the total £4.50 by 2 and writing this using £ and decimal points correctly. Then ask the children to answer the following questions:-

- It costs £3 for 1 child to go bowling, how much would it cost for 2 children to go bowling?
- It costs £2.50 for 1 child to go bowling, how much would it cost for 2 children to go bowling?
- It costs £4 for 1 child to go bowling, how much would it cost for 2 children to go bowling?
- It costs £3.50 for 1 child to go bowling, how much would it cost for 2 children to go bowling?
- It costs £5 for 1 child to go bowling, how much would it cost for 2 children to go bowling?

Repeat this type of question until the children are confident in multiplying the values and recording the total.

Group activity ideas

- Using a set of skittles and a soft ball, set up a bowling alley on a flat area in the classroom or outside. Attach money values to each skittle. The children will take turns to knock the skittles over. They then have to add up the amounts on each skittle that they have knocked down to get a total. When all children have had a turn to play, the child who has the largest total wins the game.
- Play the **Doubles Game 1** (cards will show money values and they will have a corresponding double for that value) place the cards face down on the table. The children will take turns to flip over 2 cards; if they have found a value and the corresponding double for that value then they can have a counter. Replace the cards and mix them up and the next child will have a turn. At the end of group work time, the child with the most counters has won the game.
- Using **Matching Values 1**, children must match the values to their corresponding double and colour the pairs using the same colour.
- Place coins in a variety of purses and ask the children to add up the amount of money is in each purse and report their findings to the rest of the class in the plenary. They should decide which purse had the most/least money in it.



£2

£7

£4

£6

£5

£8

£1

£3



£4

£14

£8

£12

£10

£16

£2

£6

