



Year Reception Maths Distance Teaching and Learning

Week beginning: 01.06.20

| Lesson 1 | | |
|--|--|---|
| <p>Learning Intention: WALT Talk about money and recognise the different coins</p> | <p>Key Vocabulary: Money Penny Coin Price Bronze Value Silver Heptagon Gold Cost Circle Earn Pence Spend Expensive Cheap</p> | <p>What you will need: A computer, tablet or phone Paper + Pencil Video: Maths Lesson 1</p> |
| Starter | | |
| <p>5 currant buns in a baker's shop - https://www.youtube.com/watch?v=-mi79hRcSXI</p> | | |
| Main Teaching | | |
| <p>What do we need money for? Share examples e.g. school disco to buy sweets/drinks, ice pops, in the supermarket, toy shop? Do children have their own piggy banks? What do they do with their money, where does it come from? How do they get it? Recognising the different coins. How can you tell what value each coin is? Use the attached money mat to help you to see all the different coins. What is the same and what is different about each of the coins? Look at the colour, number, size, shape.</p> <p>1p - circle, copper or bronze colour, small, numeral 1 one, penny, pence 2p - circle, bronze, large, numeral 2 5p - circle, silver, small, numeral 5 10p - circle, silver, large, numeral 10 20p - heptagon, silver, small, 50p - heptagon, silver, large £1 pound sign to represent this coin £, silver and gold look, small (12 sides!) £2 use the pound sign £ to represent this coin, silver and gold look, large</p> | | |
| Independent Tasks | | |
| <p>Challenge 1</p> | | |
| <p>To name each of the coins</p> | | |
| <p>Challenge 2</p> | | |
| <p>To name the missing coin during the Kim's game</p> | | |
| <p>Challenge 3</p> | | |
| <p>To describe the coin in detail to play guess the coin</p> | | |
| <p>Challenge X</p> | | |
| <p>To describe the differences between each of the coins, e.g. 1p and 2p coins are both bronze coins and they are both circle shapes. The 2p coin is bigger than the 1p coin and has the numeral 2 written on it....</p> | | |
| Review | | |
| <p>Sort some coins by shape, colour, value, size and explain how you have sorted them.</p> | | |

Lesson 2

| | | | |
|---|--|--|--|
| Learning Intention: WALT Count amounts of money | Key Vocabulary: Count Pence Total More Coin | Pay Penny Altogether Adding Cost | What you will need: A computer, tablet or phone Paper + Pencil Video lesson 2 |
|---|--|--|--|

Starter

<https://www.topmarks.co.uk/money/coins-game>

Sorting one coin. Children to recognise and name all the coins and then select the coin to put into the money box.



Main Teaching

Watch money story <https://www.youtube.com/watch?v=o-d5n3ltpwg> Hassan is using his money to buy different items of stationery. Can you pause the video and recognise which coin Hassan could use instead of counting out all the pennies? e.g. 10p - pay using a 10 pence coin. Emphasise the value of each coin and how many pennies make up each.

Set up your own snack bar - encourage the children to select the correct coins to 'pay' for their drink etc.

Independent Tasks

Challenge 1

Count out amounts in 1's adding the total of pennies.

<https://www.topmarks.co.uk/money/toy-shop-money> (Select the option - one coin - 1p - up to 10p so the children are counting in 1p's up to a total amount of 10p)

Challenge 2

To count 2p amounts, remembering to tap the 2p twice to count it (Select the option - one coin - 2p - up to 20p so the children are counting in 2p's up to a total amount of 20p)

Challenge 3

To use 2p and 1p coins to make amounts up to 20p (select purple button mixed coins - up to 20. Encourage the children to add the 1p and 2p coins to make the different amounts, remembering to tap the penny once and the two pence coin twice as they count.)

Challenge X

To show different amounts using 1 pence coins e.g. place a 2 pence coin next to two one pence coins, place a 5 pence coin next to five one pence coins. Understand the value of each coin. Talk about a pound = 100 pennies, a two pound coin = 200 pennies.

Review

To play a problem solving game.... To pay for this item you need to choose a coin with 7 straight edges. It is a large silver coin.....
.....you need to pay with two coins that have curved edges. They are both bronze in colour...one is small and one is large...

Lesson 3



| | | |
|--|--|---|
| <p>Learning Intention: WALT Pay for an item using different coins.</p> | <p>Key Vocabulary: Count Pay Pence Penny Total Altogether More Adding Coin Cost</p> | <p>What you will need: A computer, tablet or phone Paper + Pencil Video: Maths Lesson 2</p> |
| <p>Starter</p> | | |
| <p>Change the nursery rhyme 5 currant buns e.g. 8 currant buns in a baker's shop, round and fat with a cherry on the top, along came Miss Kay with 2 pennies one day, bought 2 currant buns and took them away. 6 currant buns in a baker's shop.....</p> | | |
| <p>Main Teaching</p> | | |
| <p>Set up a pretend toy shop with your toys at home. Add some price tags e.g. 5p, 3p. Practise number formation and remember to add "p" to show it is an amount of money - pence.</p> <p>Play 'Can you find me something to buy that costs Xp? Encourage the children to read the price tags and independently find the matching item to the amount you say. How will you pay for this item? What coins will you use? Encourage the children to independently work out the amount using coins of their choice. It may be all in pennies. Encourage the children to check their amount by counting the coins, tapping the value of each whilst saying the number names.</p> <p>Can you find 2 items that cost Xp in total?' Encourage the children to choose two items from their pretend toy shop, add the amounts together e.g. 2p for the teddy and 1p for the duck equals 3p altogether. Is 3p the amount you are looking for? Do you need to look for a higher amount or lower than 3p? Use the coin calculator to support adding two amounts using different coins. https://www.ictgames.com/mobilePage/coinCalculator/index.html</p> | | |
| <p>Independent Tasks</p> | | |
| <p style="text-align: center;">Challenge 1</p> | | |
| <p style="text-align: center;">To recognise an amount on the price tag and choose a coin to pay the correct amount.</p> | | |
| <p style="text-align: center;">Challenge 2</p> | | |
| <p style="text-align: center;">To add together two amounts buying two items. e.g $6p + 2p = 8p$</p> | | |
| <p style="text-align: center;">Challenge 3</p> | | |
| <p style="text-align: center;">To select the correct coins to pay for two items (8 pennies OR 5pence coin, 2pence coin, 1pence coin)</p> | | |
| <p style="text-align: center;">bnChallenge X</p> | | |
| <p>To find another way of paying using different coins. e.g a teddy costing 3p and a doll costing 2p. To pay the total amount of 5p I can use a 5p coin, 5 one pence coins, two 2pence coins and a 1 pence coin.....</p> | | |
| <p>Review</p> | | |
| <p>Put the coins in order of their value - 1p, 2p, 5p, 10p, 20p, 50p, £1, £2</p> | | |

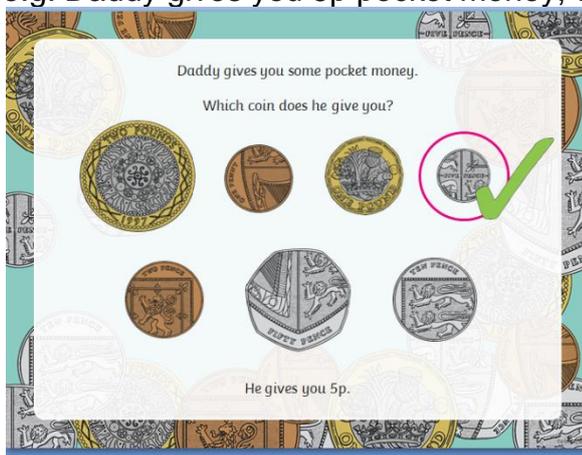
| Lesson 4 | | |
|---|--|---|
| Learning Intention: WALT Use different coins to pay for items | Key Vocabulary: Count Pence Total More Coin Pay Penny Altogether Adding Cost | What you will need: A computer, tablet or phone Paper + Pencil Video: Maths Lesson 4 |
| Starter | | |
| Practise a quick fire round of recognise the coin - show each coin quickly and encourage the children to say the name including the "pence" or "pound". | | |
| Main Teaching | | |
| <p>Today we are going to visit a shop, use the scanner to find out the cost of an item and then choose the coins we need to pay for it.</p> <p>https://www.ictgames.com/mobilePage/payForIt/index.html</p> | | |
| | | |
| <p>Children to access "Pay for it" Level 1 (up to 10p). Drag the scanner over the item, read how much it costs. Look at the value of all the coins in the hand and select the coin or coins needed to make the total amount exactly. Drag the coins into the cash register and "check" once you're happy you have the correct amount.</p> <p>If you have paid too much or not enough you can drag the coin back to the hand and correct the amount having another turn.</p> | | |
| Independent Tasks | | |
| Challenge 1 | | |
| To pay for an item on "pay for it" game | | |
| Challenge 2 | | |
| To pay for an amount that doesn't match a coin exactly e.g. 7pence you would need to select more than one coin to make the amount. 5p+2p OR 2p+2p+2p+1p. | | |
| Challenge 3 | | |
| To choose another way to make the same amount - before you click "check it" on the game. | | |
| Challenge X | | |
| <p>To use the least amount of coins possible. Always start with the highest value coin e.g. 8p (there isn't an 8p coin but what is the highest coin you could use? 10p is too much, 5p is the highest. How many more do you need to make 8p? 3p - what coins could you use? 2p + 1p. The least amount of coins to make 8p would be a 5p, 2p and 1p. The most would be 8 pennies.</p> | | |
| Review | | |
| Recap and discuss each coin. One penny is the smallest value coin. Two pence is the same amount as two pennies. One pound is the same as one hundred pennies. 5p is the smallest of all the coins. | | |

| Lesson 5 |
|----------|
|----------|

| | | |
|---|---|---|
| <p>Learning Intention: WALT Find the total counting in 1's, 2's and 5's.</p> | <p>Key Vocabulary: Recap all key vocab relating to money</p> | <p>What you will need: A computer, tablet or phone Paper + Pencil Video lesson 5</p> |
|---|---|---|

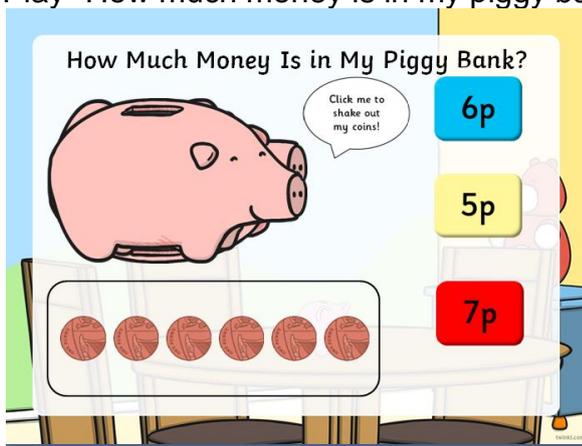
Starter

Play fastest finger game! See powerpoint.
e.g. Daddy gives you 5p pocket money, which coin does he give you? Point to the 5p coin!



Main Teaching

Play "How much money is in my piggy bank?"



Independent Tasks

Challenge 1

Count the pennies and match the total to the price tag

Challenge 2

Count the two pence coins and match the total to the price tag

Challenge 3

Look carefully and count the mixture of 1p and 2p coins then match the total to the price tag

Challenge X

Count in 2s and 5s to add up all the coins including 5p, 2p and 1p. Match the total to the price tag.

Review

Have a look in store guides, shop labels, price tags of real items and read the amount. Recap the pound sign and use the key vocabulary when talking about different amounts.