

Often a favourite topic this week – money!

<p>Monday</p> <p>Number recognition.</p> <p>Recognise coins of different value,</p>	<p>Quick warm-up: http://www.ictgames.com/saveTheWhale/ Challenge: http://www.ictgames.com//mobilePage/smoothie/index.html</p> <p>Activity: Ask your child to raid your purse / wallet and to sort the coins into those which look the same / same value. Ask your child what they notice about each of the coins. Look at the colour, shape and numbers. Place the coins under a piece of paper and using a crayon, make rubbings of them.</p>
<p>Tuesday</p> <p>To find the number that is one more or one less than a number to 20.</p> <p>To count numbers to 20 and solve simple problems involving doubling.</p>	<p>Quick warm-up: Pennies into a tin. Have a 5p coin, 2p coin and a 10p coin in front of your child. Drop either two pennies, 5 pennies or ten pennies into a tin, while your child has their eyes closed and ask them to choose which coin shows the amount that you put into the tin.</p> <p>Activity: Have a 2p, 5p, 10p and 20p and the equivalent in 1pennies (you can draw these if you don't have enough). Ask your child to choose one of the coins. Ask them how much they have got. Then you take the same amount in pennies. Say to them 'I have the most number of coins, so I must have the most'. Then ask them what they think. Give them time to talk through this. Come to the conclusion that you both have the same amount – you have ___p each. Repeat for the other coins. Then ask which coin is worth the most? Can they put the coins in order from the least to most amount?</p>
<p>Wednesday</p> <p>To know the months of the year.</p> <p>To solve money problems.</p>	<p>Quick Warm-up: Sing the months of the year song. What month comes before / after ___?</p> <p>Activity: Nrich Pirate Poundland – see below.</p>
<p>Thursday</p> <p>To know the number that is one more / one less than a given number.</p> <p>To solve addition problems involving money.</p>	<p>Quick warm-up: I am thinking of a number, it is one more than ___? / one less than ___?</p> <p>Activity: Give your child ten pennies, two 5pences, one 10p, five 2pences. Ask them to name the coins. How many different ways could we make 10p using these coins. Give your child time to think of different ways and draw the coin combinations in their book.</p>
<p>Friday</p> <p>To know number bonds to 10/20.</p> <p>Count coins to find a total.</p>	<p>Quick warm-up: Count in twos to 20 and in tens to 100.</p> <p>Activity: How much do the ice creams cost? See differentiated sheets below – choose the sheet that suits your child. If you can, have the real coins available.</p>

Shopping - Pirate Poundland

Counting



Children often enjoy shopping role play and exchanging coins for selected purchases.

Adults could structure the prices and money allocated to shoppers and model ground rules.

The Activity

Set up the pirate shop where pirates are only allowed ten pounds each and all pieces of treasure cost one pound. Encourage children who are acting as cashiers to check that shoppers buy no more than ten items. You may suggest that customers go back for more items to make up the ten if they don't have 'enough'!

Encouraging mathematical thinking and reasoning:

Describing

How much have you spent so far? How much have you got left?

Reasoning

How many more do you need to buy to have ten?

If you buy those two jewels, how much will you have spent? How much will you have left? How do you know?

Opening Out

If jewels are on offer, 'buy one get one free', how many will you get for five pounds?

Recording

Can you make a shopping list, so you know how many things to get?

How do you know what you have bought from your list?

The Mathematical Journey

Counting

- cardinality - the last number gives how many there are altogether
- counting for a purpose - to check the right amount of treasure

Number symbols

- linking numerals to amounts

Adding and subtracting

- saying how many you will have if you buy one more thing
- saying how many pounds you will have left if you buy one more thing
- saying how many more you need to have ten things altogether

Dividing and multiplying

- counting in twos for the two-for-one offer

Development and Variation

Shops can obviously take a variety of forms, such as a building supplier, garden centre or fast food outlet.

Changing prices, so everything costs £2, 10p or 5p, increases the level of challenge.

Games, where the supply of money is controlled by throwing the dice, can also help to structure the activity and focus children on the numbers involved.

Games can also involve real money which has to be checked at the end (e.g. by matching on silhouettes on box lids).

Resources

Plastic pounds (these are more realistic than other plastic coins).

Treasure: anything gold, silver or sparkly - necklaces, gold chains, buttons etc. You can buy brightly coloured 'jewels' from educational suppliers.

Pirate supplies could include food, drink, nautical equipment, perhaps weapons

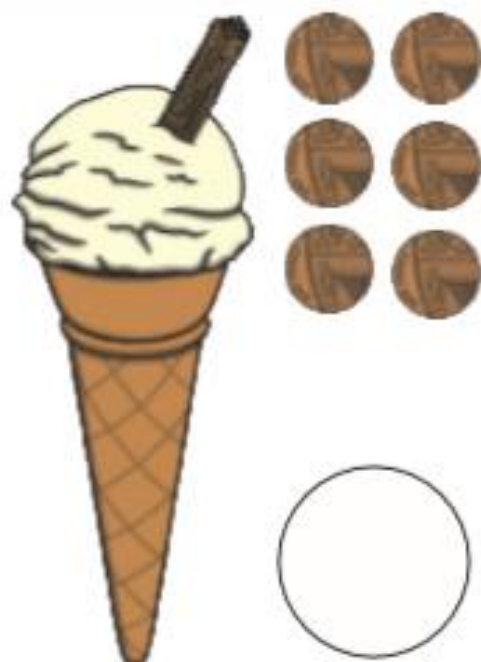
Treasure chests, purses, bags for treasure purchases

Pirate hats



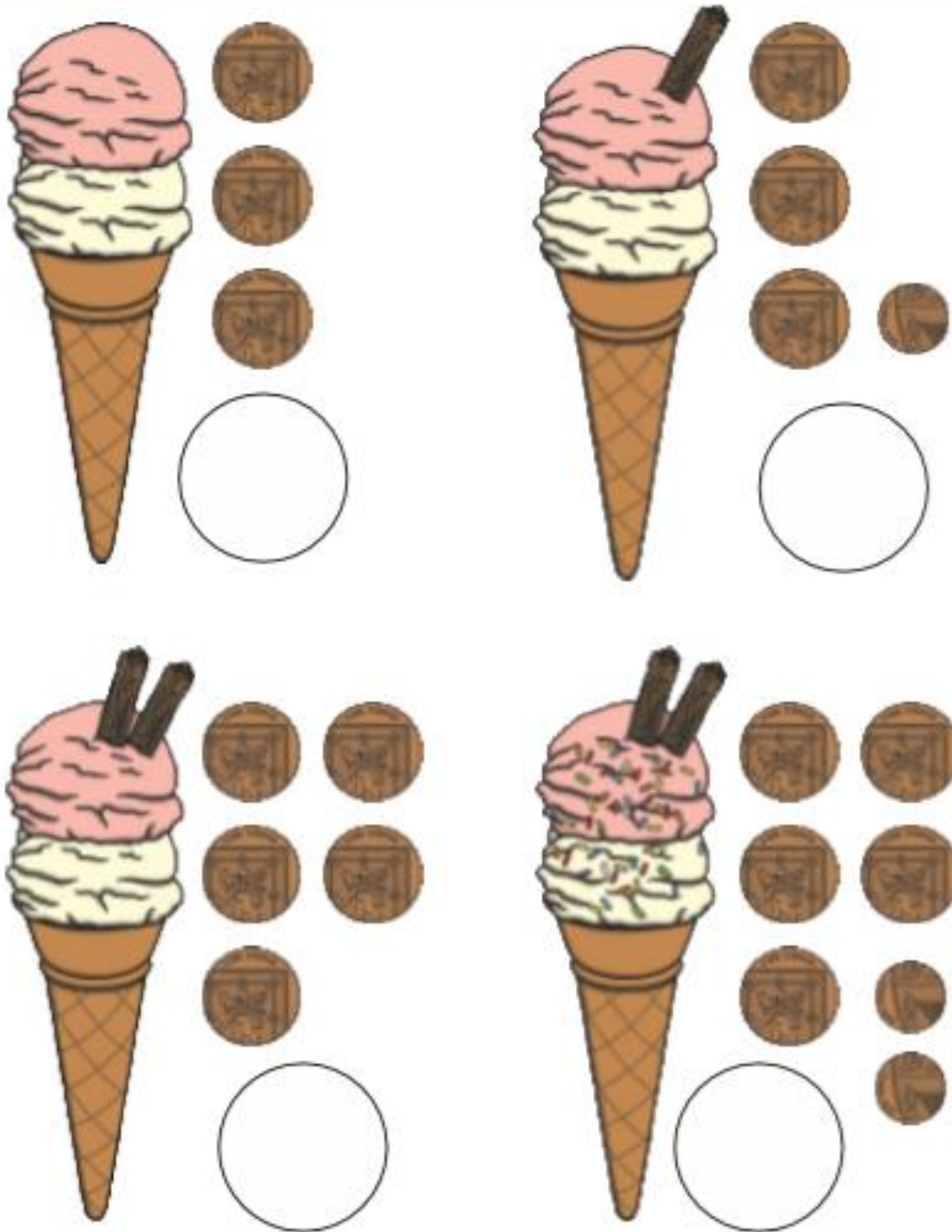
How Much Do the Ice Creams Cost?

How much does each ice cream cost? Look at the coins and write the total amount in the circle.



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