MATHS

Hi Everyone, Miss Nakkas and Mr Knight here!
Every day, we'll be providing Maths activities to keep all of your Maths skills alive.
Remember to also make time for TTRS and Mathletics.

https://play.ttrockstars.com/auth   https://login.mathletics.com/

Please note that TTRS activities are designed primarily for Year 2 and above. Once you've signed into TTRS, please access **Numb0ts** (see their icon below). These activities have been designed for Reception and Year 1.

Maths Topic Overview: Money and calculations

Dear Year 1 mathematicians,
This week we will further our understanding of money. We will begin by recapping the value of coins before looking at the value of bank notes. We will then use this knowledge to complete calculations and solve problems.

Parents-Since many of us no longer use coins on a regular basis, many children are finding understanding the value of coins more and more difficult. It would very helpful if you could have a collection of coins (especially a few 1ps, 2s, 5ps and 10ps) which the children can then handle and use to investigate each coin's value.
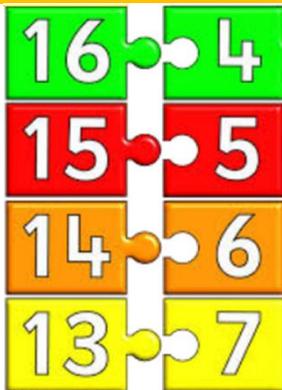
Have fun money experts!

Mr Knight and Miss Nakkas

Have a look at these BBC resources for clips and games all about money! Click on the image to access them!

KS1
Money

Lesson 1

Revise your **number bonds**! Use different objects to make 10 and 20 in as many ways as possible then get someone to test you! Remember, you should now know most of your number bonds as soon as someone asks you!

If you can do this quickly, try finding ways to make 100!

Today we will be recapping the **value of coins** and using this to complete **addition** calculations.

Discuss the value of each of these coins.

Mr Knight uses his coins and shows how to make 5p like this:
1p+1p+1p+1p+1p=5p
1p+1p+1p+2p=5p
Miss Nakkas says she can think of a different way to make 5p. Can you predict what it might be?

Activity 1
Use real coins, if possible, to investigate ways of showing each coin's value in as many different ways as you can! Draw the coins, or write the additions, into your exercise book.

Activity 2
Using what you now know, find out how much is in each purse! (Downloadable as a separate **resource**). The last one has been left blank for you to create your own amount.

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How much money is in my purse?
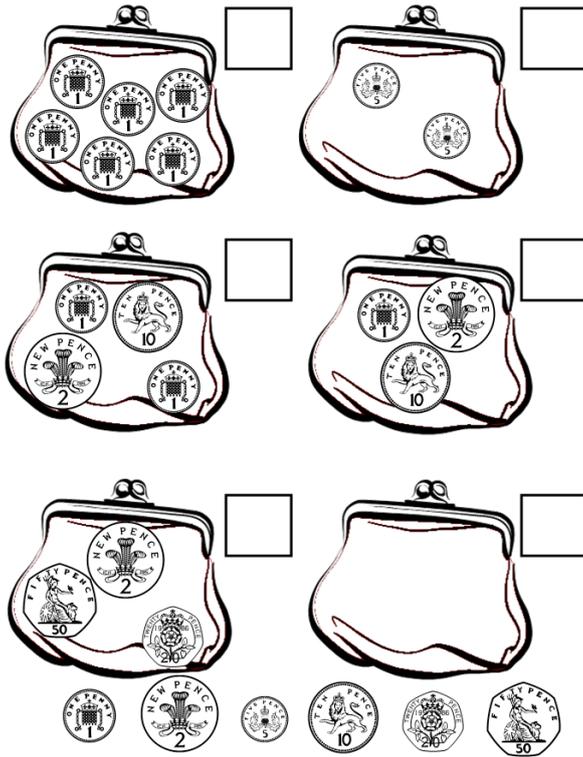
Lesson 2

Use coins to coins count in 2s, 5s and 10s.

Remember to count backwards as well as forwards!

Today we will be thinking about the **value of UK coins and bank notes** before **calculating change**.

Discuss

Look carefully at these coins and think about their value. Which new coin do we have today? Do you know what it is worth?

Now use real coins, drawings or cut out these pictures to put the coins in order from smallest value to largest value.

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Smallest value   Largest value

Do you know what the value of these **notes** are?

How could you make them using some of the coins above?

Activity: finding change

Kelly has 20p and goes shopping. She buys some sunglasses for 9p. How much money does she get back? 9p

Jackie says, "10p" but Naomi says, "11p". Who is right? Why?

Now use the downloadable **resource** to find out how much change you get when you buy the different toys.

Once you have finished, can you make up a new question using different coins or even the notes for Mr Knight and Miss Nakkas to solve?

Lesson 3

Get your brain going by solving these puzzles! Can you work out the missing numbers?

☐ 2 4 ☐ 8 ☐ ☐ 14 ☐ 18 ☐ ☐

0 ☐ ☐ 15 ☐ 25 ☐ ☐ 40 ☐ 50

☐ 10 ☐ ☐ 40 50 ☐ 70 ☐ 90 ☐

1 ☐ 5 7 ☐ 11 ☐ 15 17 ☐ ☐ ☐

☐ 3 6 ☐ ☐ 15 18 ☐ 24 ☐ ☐

Today we will be solving **problems involving money**.

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Explore the cost of fruit and vegetables when you go shopping.

Mr Knight and Miss Nakkas have been shopping! They both love eating fresh fruit and vegetables but need some help working out how much money they have spent.

Here are the costs for each different item:

banana	apple	orange	pear	carrot	tomato	pineapple
2p	1p	5p	2p	5p	2p	10p

Mr Knight loves pears!

You want to buy 6 **pears**. How much will it cost in total?

2p + 2p + 2p + 2p + 2p + 2p =

Mr Knight finds it tricky to count in 2s so gets lots of 1p coins to help him.
Miss Nakkas knows how to count in 2s so finds the answer that way.
They both think that the pears will cost 12p in total. Are they right? Why?

Activity
Find out how much money your teachers spend! Remember to use repeated addition or counting in equal steps to help you.
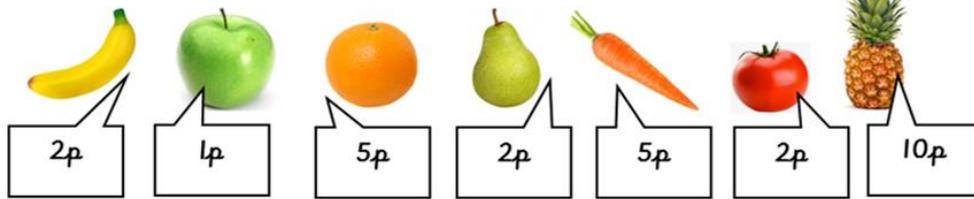4 bananas =
5 oranges =
9 tomatoes =
3 pineapples =

Now create some of your own shopping problems using repeated addition!

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Challenge:

banana apple orange pear carrot tomato pineapple

2p 1p 5p 2p 5p 2p 10p

You buy 4 tomatoes and 3 carrots. How much would you pay in total?

How much change would you get from £1?

Lesson 4

Remind yourself how to tell the time!

Use the clocks at home to count in 5s and think about what time the clock is showing.

Complete your assigned tasks set on Mathletics.
This week, they will all help you with revising money!
Click the image to go to the site.

Mathletics