

Lewis Class

Year 4 Maths (week beginning 04.05.20)

Here are some links to websites that have videos to support your child's learning in Maths. If you are struggling to find time to sit down with them, they could watch and make notes independently. These are not necessarily linked to the current topic but are still useful tools for learning. They can also be used as additional learning if needed.

<https://www.bbc.co.uk/bitesize/subjects/z826n39>

<https://www.thenational.academy/online-classroom/year-4/maths#subjects>

Money

When handling money, don't forget to wash your hands.

Consolidate learning

Pounds and pence <https://whiterosemaths.com/homelearning/year-4/> watch lesson 3

Ordering money <https://whiterosemaths.com/homelearning/year-4/> watch lesson 4

Task 1

• **Estimating money**

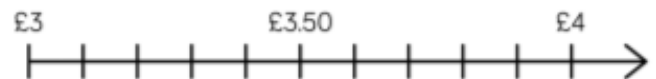
When using money in real life contexts, like the supermarket, sometimes you use rounding to estimate the total price of what you are buying.

Using your knowledge of rounding, you need to round to the nearest pound.

For example, £3.80 is closer to £4 so we would round up to £4. *Remember – 5 to 9, climb the vine, 0 to 4, slide to the floor.*

Place the amounts on the number line and round to the nearest pound.

- £3.67
- £3.21
- £3.87



- £7.54
- £7.45
- 701 p



Complete this number line.



Recap

Watch this video to help remind you about rounding money

<https://www.bbc.co.uk/bitesize/topics/zh8dmp3/articles/zsvt97h>

Task 2

• **Estimating money**

Estimate the totals of these amounts by rounding to the nearest pound.

Draw a number line if it helps you!

1. £3.20 + £2.85
2. £5.50 + £6.60
3. £2.95 + £7.32
4. £12.45 + £7.20
5. £6.20 + £5.20

Mo buys some socks and gloves.
He estimates how much he'll spend.

$$£4 + £5 = £9$$



What could the actual price of the socks and gloves have been?

Mo has £12
He says he has enough money to buy three pairs of socks.

Do you agree?
Explain why.

Task 3

- Four operations (addition/subtraction/multiplication/division) – solving money problems using the four operations linking to learning in year 3

Children are not expected to formally add with decimals in Year 4 but could explore other methods, such as partitioning (splitting the amount into pounds and pence) and recombining to add money. They could use prior knowledge of converting, as well as number bonds, to help them.

Recap

Watch video <https://whiterosemaths.com/homelearning/year-3/> lesson 1 (converting pounds to pence)

Watch video <https://whiterosemaths.com/homelearning/year-3/> lesson 2 (add money)

Watch video <https://whiterosemaths.com/homelearning/year-3/> lesson 3 (subtracting money)

Have a go at solving these different problems – think about which operation/operations you need to use. Show your workings out please!

A family is going bowling.
How much does it cost for 1 child and 1 adult at peak time?
How much does it cost for 1 adult and 2 children off peak?

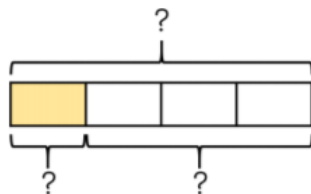
Tickets	Peak	Off Peak
Adult	£8	£6
Child	£4.20	£5.30

Task 4

Watch video <https://whiterosemaths.com/homelearning/year-4/> lesson 3 (divide 2 digit by 1 digit number) to help solve question below.

Ron has £48. He spends one quarter of his money.

How much does he have left?
Use the bar model to help.



Kasper's shopping list	
Mice	65p
Fish	37p
Cream	56p
Sardines	£.102
Ball	88p
String	25p
Feather	11p

Kasper had £4.00, how many balls of string can be buy with this money?

Amir buys some clothes in a half price sale.

- Jumper £14
- Scarf £7
- Hat £2.50
- T-shirt £6.50



What would the full price of each item be?
How much would he have paid altogether if they were full price?
How much does he pay in the sale?
How much does he save?

Have a go at writing your own worded question using Kasper's shopping list.

Additional task if time.

- Estimating prices

Last week, you did some role play and sold items to your others in your household. This week, I would like you to be the shopper. Ask someone in your house to be the shopkeeper and price some snacks/items. You then need to choose two items and estimate how much you think they will cost. You could even set yourself a budget (the highest amount you will spend) and see how much you could buy for that amount!

Throughout the week - practise multiplication tables:

You could:

- Focus on whichever one you find difficult to remember and write out in a random order to improve your rapid recall.
- Play on Hit the Button - focus on number bonds, halves, doubles and times tables - <https://www.topmarks.co.uk/maths-games/hit-the-button>

Do a multiplication dance – <https://www.bbc.co.uk/teach/supermovers/times-table-collection/z4vv6v4>