

Warm up activities:

- Keep playing cards- If 'War' and 'Go Fish' are getting a little tired have a go at 'Spit' (<https://www.youtube.com/watch?v=fKlJL1WrDLg&safe=active>) you could remove the picture cards to make it a little easier.
- Play 'I'm thinking of a number'.
- Play TT Rock Stars.
- Make your own times table posters.
- Play bingo

Longer activities:

- Have a go at some expanded column subtraction. This video will help, its set out in exactly the same way as the addition questions but the children may find 'exchanging' a little tricky. <https://www.youtube.com/watch?v=FtAxtjRpdwA&t=169s&safe=active>
- Watch this video: https://www.youtube.com/watch?v=m_SugY_IDDc&safe=active, although the method is a little different the mistakes and misconceptions are exactly the same. Some children may already be using this method. If your child would like to have a go at using this method that's fine.

<u>Bronze</u>	<u>Silver</u>	<u>Gold</u>
23-11	458-211	872 - 326 =
56-24	845-250	456 - 128 =
89-45	478-232	732 - 415 =
65-13	519-458	844 - 726 =
77-56	951-652	570 - 126 =
98-74	622-394	569 - 898 =
165-52	726-419	841 - 366 =
136-77	856-658	251 - 154 =

Reasoning Questions:

- Is it **always**, **sometimes** or **never** true that you need to exchange when using column subtraction. Explain your answer and give examples to prove that you are correct.
1. Tick the correct answer.

$$\begin{array}{r} \text{Base Ten Blocks} \\ - 164 \\ \hline \end{array}$$

- A. 215 B. 125 C. 124



5. True or false? Kevin says,



If I subtract 405 from 759, my answer is a combination of cards A, D and E.

A B C D E



V
HW/Fs

9. Use the numbers represented on the cards below to complete the column subtraction. You can use the same number more than once. Find two possibilities.

400	sixty	2	4
30	zero	forty	seventy

	7		
-			
	3	3	2



RFS

WB 20.4.20

Mrs. Holt's Maths Group

Please continue to use the warm up activities from previous weeks.

- Playing cards are an excellent way to keep number facts up to speed, your child has played these games in class so they can explain them to you. Picture cards can be removed or J=11, Q=12 and K=13 - **times tables** turn cards over one at a time and multiply by the chosen times table or turn over two cards and multiply them together, keep the cards if you are correct. **Number bonds** – turn over a card – say the number that goes with the number on the card to make 10 or, for more challenge, 20.
- Number bonds to 100 – make each card 10x bigger so A is now 10, 2 = 20 and so on when you turn them over say which number goes with it to make 100 (30 - you would need to say 70)
- Roll two dice and multiply the numbers together.
- 20 Questions: think of a number (but don't tell anyone) and get your child to work out what it is by asking questions you can answer with yes or no e.g. 'Has it got three 10's?' or 'Is it an odd number?' We have been working with three digit numbers.

- Think of a number less than 100 and then see how far you can count on in 5's, 10's and 50's. If you can't think of a number on the spot you can google a random number generator.
- Play 'Hit the Button' at <https://www.topmarks.co.uk/maths-games/hit-the-button>
- See how quick you are <https://www.topmarks.co.uk/maths-games/daily10>
- Play bingo! <https://www.topmarks.co.uk/Flash.aspx?f=bingomoreorless>
- Don't forget to play TT Rock Stars

Longer tasks:

You can continue to work on the tasks set previous, especially:

- Making different amounts of money and giving change.
- Telling the time, including using analogue and digital clocks and then 24-hour times. If you can tell the time - work out the duration of times e.g. I started watching TV at 9:30 and finished at 11:45, how long did I watch TV for? It took me 2 hours and 20 minutes to walk to the shop, I set off at 7:15 what time did I arrive? Or create a timetable of your day with times and durations on.
- We will also focus on subtraction this week.

Watch this video if you need to recap the method we have learnt in class:

<https://www.youtube.com/watch?v=Y6M89-6106I>

Now have a go at these questions (please complete in the squared books, 1 digit in 1 box and line up the numbers in the correct columns – hundreds, tens and ones)

Bronze (up to 1 exchange)	Silver (up to 2 exchanges)	Gold (multiple exchanges)
873 - 621 =	572 - 355 =	503 - 57 =
547 - 335 =	743 - 479 =	636 - 378 =
497 - 259 =	624 - 253 =	433 - 284 =
685 - 467 =	706 - 562 =	3601 - 1358 =
425 - 763 =	842 - 365 =	9016 - 2378 =

Test your skills with some word problems

Fergus planted 784 seeds. Only 492 of them grew into plants. How many of the seeds didn't grow?	Phoebe has a stamp book with 867 spaces. She fills 575 spaces with stamps. How many spaces does she have left?	Jack walks 373m to school, Molly walks 87m and Lena walks 502m. How much further does Jack walk than Molly? How much further does Jack walk than Molly?
There were 376 tigers and 248 giraffes. How many more tigers than giraffes are there?	Sara counted 736 stars on Monday, 218 on Tuesday and 547 on Wednesday. How many fewer stars did she count on Tuesday than on Monday? How many more stars did she count on Monday than on Wednesday?	Aisha buys a calculator for £189, a scooter for £138 and a laptop for £485. How much change does she get from £1000?

KG/AM Maths Group

Hello all and welcome to week three of our home learning!

Maths Games:

- **Times tables bingo** – All players write down 5 answers from a times table e.g. if you have chosen the 4 times table, you might write down 4, 16, 20, 28 and 40. Another person will then need to call out multiplication questions (e.g. $4 \times 6 =$) from the chosen times table (or you could write the facts on cards and take it in turns to turn one over and read out). If you have the answer to the question, cross it out. The winner is the first person to cross off all their numbers.
- **Guess my number/shape** – Each player has a post-it note with a number/shape on it on their forehead. Players then have to ask yes/no questions to guess the number/shape.
- **Dice game** – Set a target number (e.g. 50). Roll the dice and keep a record of the number. Roll again and add this number on. Keep going until you get as close to the target number as you can without going over. Can the other players get closer?
- **Countdown** - <https://nrich.maths.org/6499>
Use the numbers generated and the four operations (addition, subtraction, multiplication and division) to reach the target number.

You can continue with your White Rose Maths Learning on Fractions & Decimals. There have been new lessons published over the Easter break for the Summer Term, but if you didn't complete all the lessons from the previous term, just carry on from where you left off.

A. If you feel confident, there are five lessons for you to complete on:
<https://whiterosemaths.com/homelearning/year-4/>
Each lesson has a video to watch and an activity to complete.

B. If you feel you would prefer to continue to revisit previous learning, then try watching the videos and completing the activities on:
<https://whiterosemaths.com/homelearning/year-3/>

Something different....Measures

- **Scavenger Hunt** - Ask a grown-up to write down some measurements for you, then go on a scavenger hunt to see if you can find something to match that measurement (or as close to). E.g. you might be asked to find something that weighs 300g or to find something that is 10cm long.
- **Animal Olympics** - You may also want to try this activity from the RSPCA. See information on next page.

Arithmetic practice: Adding

Generate two 4-digit numbers (you can do this by rolling dice) to add together using the column method of addition which we have used in class. Try also adding some 4-digit and 3-digit numbers (make sure you position the digits carefully). Can you try some 5-digit numbers or maybe you could have a try at adding decimals in this way?

Method reminder:

Remember to start adding from ones ($6+7$).

	2	3	5	6
+	4	8	2	7
	7	1	8	3
	1		1	



Take part in the **ANIMAL OLYMPICS**

There are lots of different sports in the Olympics, but what if animals could enter? What events would they win? Which animal can jump the highest, or run the fastest? Is there an animal that could run the 100m faster than Usain Bolt?

Find out which animals could do better than humans in the athletic events listed below. You could use books, magazines, the local library or the internet to help with your search.



EVENT 1 High Jump

EVENT 4 100-metre swimming

EVENT 2 100-metre sprint

EVENT 3 Weightlifting

✦ Extra challenge!

Once you've found the animal that could win gold in each of these Olympic events, why not try to think of some more events that animals would win?