Monday 6th June 2020

Good morning class 6. I hope you had a good weekend and you are raring to go with home learning again.

The adults in school have been exploring way in which Year 6 may have been able to 'get together' between now and the end of term. Due to the current government guidance and advice from the local authority it looks increasingly unlikely that we will be able to meet up safely. This is obviously very disappointing, and not the way we wanted to end year 6 this year. However, there will be a gift available for all year 6 leavers that will be available to collect anytime from Wednesday 15th July to the end of Friday July 17th. Collections can be made from the school office. I am hopeful that we can have a virtual meet up using video conferencing software before the term is over. Details for this will follow in due course.

Maths Task 1

Today I want you to have a look at a variety different styles of questions. Lots of reasoning, problem solving and thinking skills needed to solve these maths problems. Some of the questions are multiple choice. Be sure you have chosen the correct answer.

1. Theo wrote down the distance he walked in metres on four hikes. What is the distance of his longest hike? Circle the correct answer.

   A 14 320 m   B 13 987 m   C 14 354 m   D 14 263 m

2. What number is the arrow pointing to on the number line below?

   100   150

3. Which number below is closest to 5? Circle the correct answer.

   A 4.7   B 5.35   C 5.15   D 4.8   E 5.2

4. a) What is 19.21 rounded to the nearest ten?

   b) What is 19.21 rounded to the nearest whole number?

5. There were 55 300 supporters at a wheelchair rugby match. How many supporters were there to the nearest ten thousand?

6. What is the smallest number that rounds to 600 000 to the nearest hundred thousand?

7. What is 4623 + 999?

8. A plumber has two bits of pipe measuring 8.9 cm and 7.9 cm. How many cm of pipe does she have in total? Circle the correct answer.

   A 16.18 cm   B 16.2 cm   C 16.8 cm   D 17.2 cm   E 18.2 cm

9. In a diving competition, Jane scored 8.4, 9.1, 7 and 3.7 on her first four dives. What is her total score for these dives?

10. What is 90 – 6.78? Circle the correct answer.

A 82.32   B 83.22   C 83.32   D 84.22   E 84.32

11. What is 7450 – 2120?

☐☐☐☐

12. Isobel has £2.18, Josh has £4.65 and Tammy has £3.22.

a) How much do they have in total? Circle the correct answer.

A £10.05   B £10.95   C £9.95   D £11.05   E £9.90

b) How much more does Josh have than Tammy?

£ ☐ . ☐☐

13. Monib had £50. He bought some headphones for £22.99 and a microphone for £20.50. How much does Monib have left?

£ ☐☐ . ☐☐

14. The table shows the number of tickets sold for four shows at a theatre.

a) How many tickets were sold for shows 1 and 3 in total?

☐☐☐☐☐

	Number of tickets sold
Show 1	4578
Show 2	2018
Show 3	3444
Show 4	6475

b) How many more tickets were sold for show 4 than for shows 2 and 3 combined?

☐☐☐☐   ☐☐☐☐

15. What is 1468 ÷ 100?

A 146.8   B 1.468   C 14 680   D 14.68   E 146 800

16. Circle the number that is missing from this calculation: 1000 × _____ = 57 840

A 0.5784   B 5.784   C 57.84   D 578.4   E 5784

17. Justin buys 100 bars of soap for £1.27 each. How much does he spend in total?

£ ☐☐☐ . ☐☐

18. Paul has three piles of rocks. The first pile is 100 times heavier than the second. The second pile is 10 times lighter than the third. How many times lighter is the third pile than the first?

   A 10   B 100   C 0.1   D 1000   E 1

19. There are 12 marbles in a bag. Mr Fayed buys 100 bags and shares the marbles equally between 10 boxes. How many marbles are in each box?

   ☐☐☐☐

20. There are six penguins in a zoo. They each eat 4 fish a day. How many fish do they eat in total in a week?

   ☐☐☐

21. Which calculation gives the smallest answer? Circle the correct answer.

   A 54.3 × 79   B 5.43 × 79   C 5.43 × 7.9   D 54.3 × 7.9

22. A hot air balloon rises 1.5 metres every second. How high will the hot air balloon rise in 200 seconds?

   ☐☐☐ m

23. Circle the number that is missing from this calculation: $120 \times 9 = 3 \times$ _____

   A 40   B 60   C 240   D 360   E 720

24. Izzy runs 140 km each month. How many km does she run in a year? Circle the correct answer.

   A 1400 km   B 1540 km   C 1680 km   D 1740 km   E 1780 km

25. Padma has 28 pencils. Amy has 5 times as many as Padma. Una has 4 times as many as Amy. How many pencils does Una have?

   ☐☐☐

26. Circle the number that is missing from this calculation: $182 \div$ _____ $= 26$

   A 5   B 6   C 7   D 8   E 9

27. A 480 cm long plank of wood is chopped into 4 equal lengths. How long is each piece?

   ☐☐☐ cm

Don't forget to email me if you need help or support!

yearsix@blowers.dudley.sch.uk

English Task. Hyphenating prefixes.

Make sure you read the explanation in the green box. The hyphen can change the meaning of the word and stops it being confused with a word with a similar spelling.

Hyphenating Prefixes

Hyphens are used to join words together or add a prefix. Some words are written with hyphens so they aren't confused with similar words.

I re-sent the email.   I resent that remark.

're-sent' means 'to send again'. It needs a hyphen to show that it means something different from 'resent' which means 'to feel bitter'.

Hyphens are often used if the prefix ends in a vowel and the root word begins with a vowel. → co-operate

1 Write the words below with a <u>hyphen</u> in the correct place.

reestablish .... preinstall ....

semiannual .... coexistence ....

preelection .... reenact ....

2 Write out the words in the box below with a <u>hyphen</u> in the correct place.

> reevaluate   coordinate   deice   reedit   coown

....

....

Use some of these words to <u>complete</u> the sentences below.

Lawrence and Ivan .... a property in London.

The windscreen was frozen over, so we had to .... it.

(3) Circle the correct spelling of each word to complete the sentences below.

Ronald didn't react / re-act well to the bad news.

The play was on three nights in a row, so Finn had to react / re-act his role.

Mrs Brown made a nasty remark / re-mark to the postman.

The teacher had to remark / re-mark the tests after noticing a mistake.

Jackie resigned / re-signed from her role as chief chocolate tester.

I had to resign / re-sign the document because it got wet.

Jim's wound got infected, so the nurse had to retreat / re-treat it.

The soldiers had no option but to retreat / re-treat to their bunker.

(4) Add the correct word from the box to complete the sentences below.

> repress   re-creation   re-press   recreation

Tom decided to .... the button to check it was working.

After school, the children often go to the .... ground.

The end result was the .... of a classic film.

Sandy shouldn't .... her emotions when she's feeling sad.

(5) Write three sentences below.
Each sentence should include at least one hyphenated word.

....

....

....

....
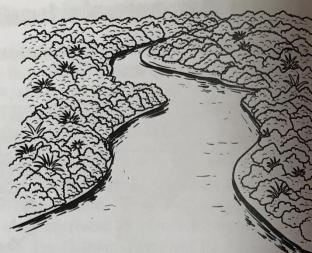
We are going to continue our geography topic looking at South America and in particular the Amazon River. Read the information carefully and use it to crack the code on the next page.

Amazon River

The Amazon River is the longest river in South America and the second-longest river in the world. The Amazon begins high in the Andes Mountains in Peru, flows thousands of miles eastward and empties into the Atlantic Ocean.

Amazon River facts

- The Amazon River is over 6437 km. That is longer than the distance between London and Washington DC, in the USA!

- Even though the Amazon River is not quite the longest river in the world, it is by far the biggest in terms of volume of water. One-fifth of the water that flows into the oceans of the world comes from the Amazon.

- Most of the Amazon River flows through the tropical rainforests in Brazil.

- In some places, the Amazon River is so wide that a person standing on one bank cannot see the opposite shore. During the rainy season, the river can be up to 48 km across in some spots!

- The Amazon River floods every year, covering an area the size of Germany with water.

- Over 1000 tributaries flow into the Amazon River. Seven of these tributaries are over 1609 km long. The Madeira River is the longest tributary of the Amazon at 3351 km long.

- There are no bridges across the Amazon because there are few roads or cities in the Amazon Rainforest.

- Occasionally, an unusually high tide at the mouth of the river causes a large wave called a *tidal bore,* which travels rapidly upstream. A bore can reach heights of 4.6 m.

- A species of gigantic waterlily, called the *Victoria amazonica,* can be found in the shallow areas of the Amazon River. The round, floating leaves of this lily can reach nearly 3 m across and can support the weight of a small child.

- Over 2000 known kinds of fish live in the Amazon River system. Some scientists think there may be as many as 3500 species yet to be discovered.

Now solve the clues on the next page!

Amazon River

Read each clue below. Write the correct word on the numbered lines. Then use the numbers to crack the code!

1. The Amazon River flows through the _____ rainforests in Brazil.

   ‾11‾ ‾9‾ ‾6‾ ‾7‾ ‾26‾ ‾20‾ ‾18‾ ‾3‾

2. The Amazon River begins in the _____ Mountains.

   ‾18‾ ‾5‾ ‾21‾ ‾22‾ ‾10‾

3. The Madeira River is one of the seven longest _____ of the Amazon River.

   ‾11‾ ‾9‾ ‾26‾ ‾19‾ ‾12‾ ‾11‾ ‾18‾ ‾9‾ ‾26‾ ‾22‾ ‾10‾

4. Unusually high tides can cause a _____ to rush up the Amazon.

   ‾11‾ ‾26‾ ‾21‾ ‾18‾ ‾3‾ ‾19‾ ‾6‾ ‾9‾ ‾22‾

5. The *Victoria amazonica* is bigger than any other kind of _____ in the world.

   ‾1‾ ‾18‾ ‾11‾ ‾22‾ ‾9‾ ‾3‾ ‾26‾ ‾3‾ ‾8‾

6. The Amazon is the longest river in _____.

   ‾10‾ ‾6‾ ‾12‾ ‾11‾ ‾25‾   ‾18‾ ‾4‾ ‾22‾ ‾9‾ ‾26‾ ‾20‾ ‾18‾

7. The Amazon River ends in the _____ Ocean.

   ‾18‾ ‾11‾ ‾3‾ ‾18‾ ‾5‾ ‾11‾ ‾26‾ ‾20‾

Crack the code!

_____, which are native to the Amazon River, are known for their ferocious appetites.

‾7‾ ‾26‾ ‾9‾ ‾18‾ ‾5‾ ‾25‾ ‾18‾ ‾10‾

Use internet research to find out some additional facts about the Amazon River and record them in your exercise book.

Stay Safe! Mr Thompson