Thursday 25th June 2020

Good morning Class 6! How are you all today. Well Wednesday was a great day to be at home – a real scorcher! It was good to talk with so many of you yesterday. I'm really proud of all your hard work and efforts over the last few weeks.
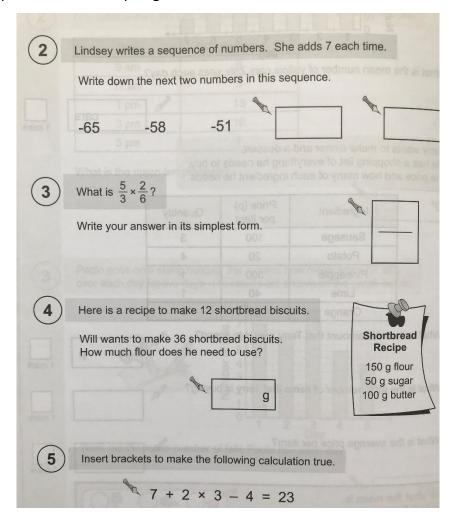
DON'T FORGET:

- I need a head and shoulders photo as soon as possible – tomorrow at the VERY latest please!
- Books / School equipment that you may still have at home need to be returned. School is organising a 'drop-off' day so look out for further information on this via text message / newsletters and the school website! 😊

On with the learning!

Maths – Reasoning and Problem solving activities.

I've included a few reasoning problems for us all to have a go at. Make sure you read the questions carefully. Identify any information that is key. Look for key words.

The questions are on a variety of subjects: Have a go and I will post the answers tomorrow so you can see how you got on.

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(2) Lindsey writes a sequence of numbers. She adds 7 each time.

Write down the next two numbers in this sequence.

-65   -58   -51   ☐   ☐

(3) What is $\frac{5}{3} \times \frac{2}{6}$?

Write your answer in its simplest form.

(4) Here is a recipe to make 12 shortbread biscuits.

Will wants to make 36 shortbread biscuits.
How much flour does he need to use?

☐ g

Shortbread Recipe
150 g flour
50 g sugar
100 g butter

(5) Insert brackets to make the following calculation true.

$7 + 2 \times 3 - 4 = 23$

8 Circle the number below that is a common multiple of 3 and 4.

32   21   18   24   30   44

1 mark

9 A sandwich and a cup of tea cost £2.10.
Two sandwiches and a cup of tea cost £3.70.

Calculate the cost of a cup of tea. Show your working.

2 marks

10 Write a cube number in each box to make this calculation correct.

☐ + ☐ = 65

1 mark

11 What is $\frac{7}{12} + \frac{3}{4}$?

Write your answer as a mixed number.

1 mark

12 Alan works for 225 days of the year.

How long is this in weeks and days?

1 mark

English Task – Linking main idea to extra detail.

Use your inference skills to link a main idea on the left to the additional detail on the right. Write in pairs in your books.

SCIENTIFIC IDEAS

Here are some **main ideas** from your science lessons. Find the **detail** that goes with each of them. One has already been done for you.

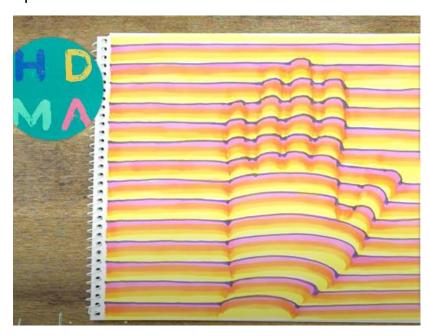|	
We use materials according to their properties.	Melting chocolate can change its state back to a solid.
Electrical components will function in different ways depending on power source.	By producing their own food, plants are fundamental to life on the planet.
Photosynthesis in plants requires water, light from the sun and carbon dioxide.	In scientific experiments, it is essential to change one variable at a time.
Forces include gravity, air resistance, upthrust and magnetism.	A bulb won't light up if its circuit is not complete or it doesn't have a battery.
Rocks are formed in a number of different ways.	Some light passes through translucent materials.
Some processes are not reversible.	The movement of objects in space depends on gravity.
Food chains are composed of producers and consumers.	Examples of soluble materials include salt and sugar.
The factors not being studied in a fair test must be kept constant.	The transportation of water throughout a plant begins with the roots.
Some substances will dissolve in water.	Igneous rock such as basalt is created inside volcanoes.
The Moon is a satellite that orbits the Earth.	Friction is the force involved when a cyclist brakes.

Year 6 Spellings (R-S)

Some more key words to spell. Write them out 5 times in your very best handwriting. Can you spell them without looking? It may be good to get an adult or another member of your household to test you.

recognise   **recommend**   **relevant** **restaurant**   **rhyme**

rhythm   **secretary**   **shoulder** **signature**

soldier   **stomach**   **sufficient**   **suggest**   **symbol**

Best of luck with those spellings!

Topic Activity Art. Drawing a 3D hand!

How would you like to draw a 3D hand? There is a fantastic tutorial in the link below. You just need paper, a pencil and some brightly coloured felt tip pens. It may be useful to have a black felt or marker pen too…

Follow the link for the tutorial! https://www.youtube.com/watch?v=YNEXzvnD7mI

Don't forget to email me the results! yearsix@blowers.dudley.sch.uk

Have a great day.

Mr Thompson