Week 1 Home Learning – Year 5/6
Waking the Giant

1.Read the story starter below.

The ground began to shake. Birds sprang from the branches of trees in a state of panic as the huge figure crawled out of the earth. First it was an elbow…Then a head…Then a colossal, moss-covered, stone face …

An almighty bellow erupted from the giant's enormous mouth, shaking the windows of the house. He dragged his immense torso out of the ground, then his feet (which were the size of double-decker buses) and stood up to his full height. Menacingly, he turned and strolled towards the house, a look of hunger in his bulging eyes…

2.Question Time – answer in full sentences.

- What has awoken the giant?
- Do you think he poses a danger to people?
- What was he doing under the ground?
- How long do you think he had been there for?

- How will people react when they see him?
- What would you do if you saw a giant?

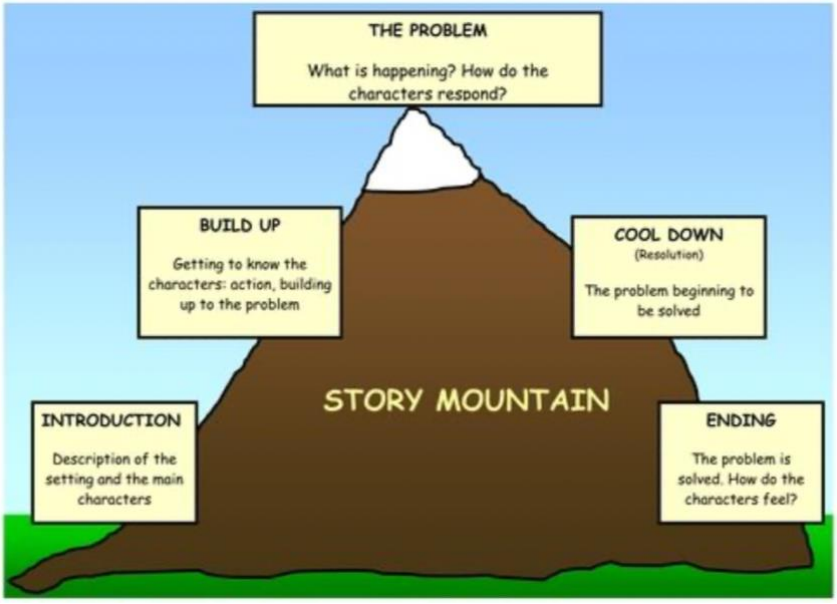
3.Wow words

The sentences below describe the giant but the adjectives and verbs used are not very interesting and are often repeated e.g. big. Can you improve these sentences by changing the describing words and removing repetition? e.g. 'enormous' is a better word than 'big'.

The big giant opened his mouth and shouted. His big head was a grey colour. He was really big and angry.

4.Now can you finish the story?

What happens when the giant moves towards the house? Who does he meet? Does he cause problems or become a hero and solve them? You decide. Remember every story needs a beginning, middle and end. Use the story mountain to help you plan.



5.Picture Challenge – Let's be creative!

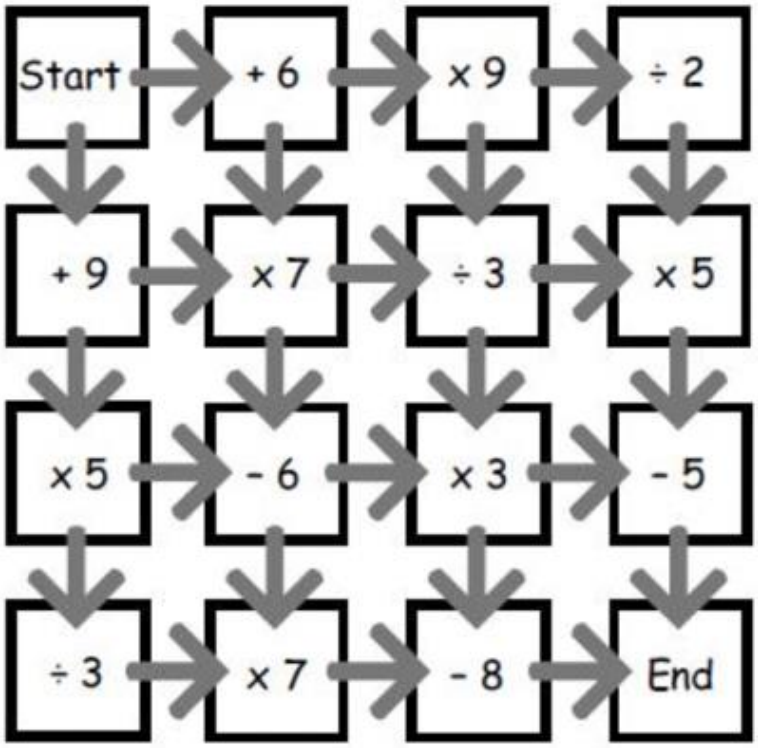
Can you draw a picture of the giant once he is fully out of the ground? Perhaps you could draw him next to some ordinary objects to show how huge he really is!

Maths

Reasoning – An A-**Maze**ing Challenge!

Start with zero.

Find a route from 'Start' to 'End' that totals 100 exactly.



Which route has the highest total?

Which has the lowest total?

Now try some different starting numbers.

Odds & Evens Investigation

1. List all the odd numbers up to 30.
2. List all the even numbers up to 30.

Now investigate patterns of odd and even numbers:

1.Choose one of the statements below to investigate:

E.g. "If you add two even numbers together, the answer will be even."

2 + 2 = 4; 4 + 6 = 10; 16 + 12 = 28; 8 + 10 = 18 Are all the answers odd or even?

2. Try some examples until you have decided whether the statement is <u>true</u> or <u>false</u>.

3.Write a sentence explaining the pattern you have found.

"If you add two even numbers together, the answer will be even."

"If you add two odd numbers together, the answer will be odd."

"If you multiply two even numbers together, the answer will be even."

"If you subtract an odd number from another odd number, the answer will be odd."

"If you add three odd numbers together, the answer will be odd."

"All multiples of two are even."

"All multiples of three are odd."

Number - Multiplication

1) 725 x 5	2) 386 x 3	3) 427 x 9	4) 614 x 6
5) 782 x 2	6) 891 x 4	7) 317 x 8	8) 509 x 7
9) 675 x 3	10) 483 x 7	11) 375 x 9	12) 279 x 8
13) 609 x 5	14) 463 x 6	15) 993 x 7	16) 478 x 9
17) 937 x 4	18) 682 x 8	19) 486 x 5	20) 749 x 7

Number - Division

$5\overline{)420}$	$4\overline{)724}$	$7\overline{)217}$
$5\overline{)215}$	$5\overline{)240}$	$6\overline{)960}$
$9\overline{)873}$	$2\overline{)444}$	$8\overline{)760}$
$5\overline{)870}$	$2\overline{)904}$	$2\overline{)224}$
$4\overline{)656}$	$6\overline{)390}$	$2\overline{)700}$
$2\overline{)556}$	$3\overline{)384}$	$3\overline{)672}$
$6\overline{)876}$	$9\overline{)918}$	$7\overline{)805}$
$2\overline{)160}$	$7\overline{)721}$	$3\overline{)843}$

Real-life Maths - Word Problems

Have a look at these problems and decide if you feel confident at answering questions a or questions b – you choose! But if you choose a) and become more confident at solving the problems, then why not try to answer some of the problems labelled b)

a) A girl has 10 pencils in her pencil case and her friend has the same number of pencils. How many pencils do they have altogether?

b) A girl has 10 pencils in her pencil case. 4 of her friends also have the same number of pencils. How many pencils do they have altogether?

a) There are 32 children in each class and 10 classes in a school. How many children are there all together?

b) There are 32 children in each class and 10 classes in a school. How many children are there altogether? There are 3200 bits of rubbish on the playground. How many pieces of rubbish do the children need to pick up each for it to be cleared up?

a) Apples are packed in boxes of 10. How many boxes can be filled with 150 apples?

b) Apples are packed in boxes of 100. How many boxes can be filled with 9700 apples?

a) There are 67 lollies in each tub, how many are there in 100 tubs?

b) A boy buys a tub of 67 lollies and his sister buys a different tub of 53 lollies. They share all the lollies out equally into groups of 10. The boy keeps 10 lollies for himself and his sister keeps 10 lollies for herself. How many of their friends can they give 10 lollies to?

a) If cans of Fanta are packed in boxes of 100, how many cans will there be in 12 boxes?

b) If cans of Fanta are packed in boxes of 100, how many cans will there be in 134 boxes?

Daily Do's

Practise times tables daily. Learn them in sequence e.g.

1 x 2 = 2

2 x 2 = 4

3 x 2 = 6 etc

but also out of order

8 x 2 = 16

3 x 2 = 6

9 x 2 = 18

Also practise times tables and spelling online using J2Blast on HWB - https://hwb.gov.wales/