Year 3
Day 6

Maths

Choose your challenge. You can choose the green questions if you don't feel too confident, or perhaps you could try amber if you think you can. How about pushing yourself further and having a go at the red questions?

Who's up for a
CHALLENGE?

Maths - Place Value - Reading and Writing Numbers

LO: I can read and write numbers up to a thousand.

Write these numbers in numerals.
1. Twenty Six
2. Thirty Two
3. Eleven
4. Sixty Seven
5. Eighty Five

LO: I can read and write numbers up to a thousand.

Write these numbers in numerals.
1. Thirty Five
2. Sixty Seven
3. One hundred and twenty two
4. Two hundred and four
5. Three hundred and thirty three

LO: I can read and write numbers up to a thousand.

Write these numbers in numerals.
1. Seven hundred and fifty six
2. Nine hundred and eleven
3. Four hundred and sixty four
4. Five hundred and two
5. One thousand one hundred and twenty two

Maths - Place Value (Partitioning)

LO: I can read and write numbers up to a thousand.

Write the following numbers in words.
1. 32
2. 45
3. 36
4. 78
5. 99

LO: I can read and write numbers up to a thousand.

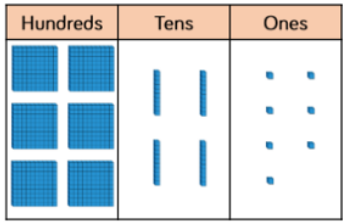
Write the following numbers in words.
1. 27
2. 82
3. 36
4. 123
5. 369

LO: I can read and write numbers up to a thousand.

Write the following numbers in words.
1. 365
2. 968
3. 207
4. 511
5. 1512

Now can you complete these reasoning activities?

Maths – Reasoning



Eva

The place value grid shows the number 467

Is Eva correct? Explain your reasoning.

What do you notice about the number shown?

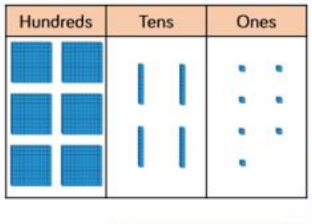
Using each digit card, which numbers can you make?

Use the place value grid to help.

Hundreds	Tens	Ones

Compare your answers with a partner.

Maths – Reasoning (Answers for parents)



Eva

The place value grid shows the number 467

Is Eva correct? Explain your reasoning.

What do you notice about the number shown?

Possible answers:

I disagree because there are six hundreds, four tens and seven ones so the number is 647.

I notice that 647 and 467 have the same digits but in a different order so the digits have different values.

Using each digit card, which numbers can you make?

Use the place value grid to help.

Hundreds	Tens	Ones

Compare your answers with a partner.

The numbers that can be made are:

- 503
- 530
- 305
- 350
- (0)35
- (0)53

English

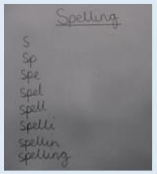
Have a look at the spellings for this week.

We have put some daily activities together to help you with learning these.

Spellings

Complete the activities for every word.

material ordinary minute eight busy answer
strange reign various women

Day 1	Day 2	Day 3	Day 4	Day 5
Bubble writing	Rainbow writing	Pyramid writing	Picture writing	Put the words in a sentence
				Spelling After I have had my tea I am going to complete my spelling homework.

a

Mr Whoops has made TWO clumsy spelling mistakes in his sentence. Can you underline them and correct them?

Yesterday during my grammer lesson, I learned how to discribe nouns using expanded noun phrases.

_____

_____

b

Write 'a' or 'an' correctly before the items on the recipe:

_____ egg

_____ cupful of flour

_____ teaspoon of vanilla extract

c

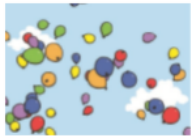
Can you add an appropriate preposition to complete the sentence?

After preparing her diving equipment, Polly investigated the coral _____ the Red Sea.

d

Can you underline the conjunction in this sentence?

After the celebrations had finished, the balloons drifted off into the distance.



e

Tick the sentence that is a command.

Get in the bath.

Would you like to wash your hands?

How amazing that would be!

f

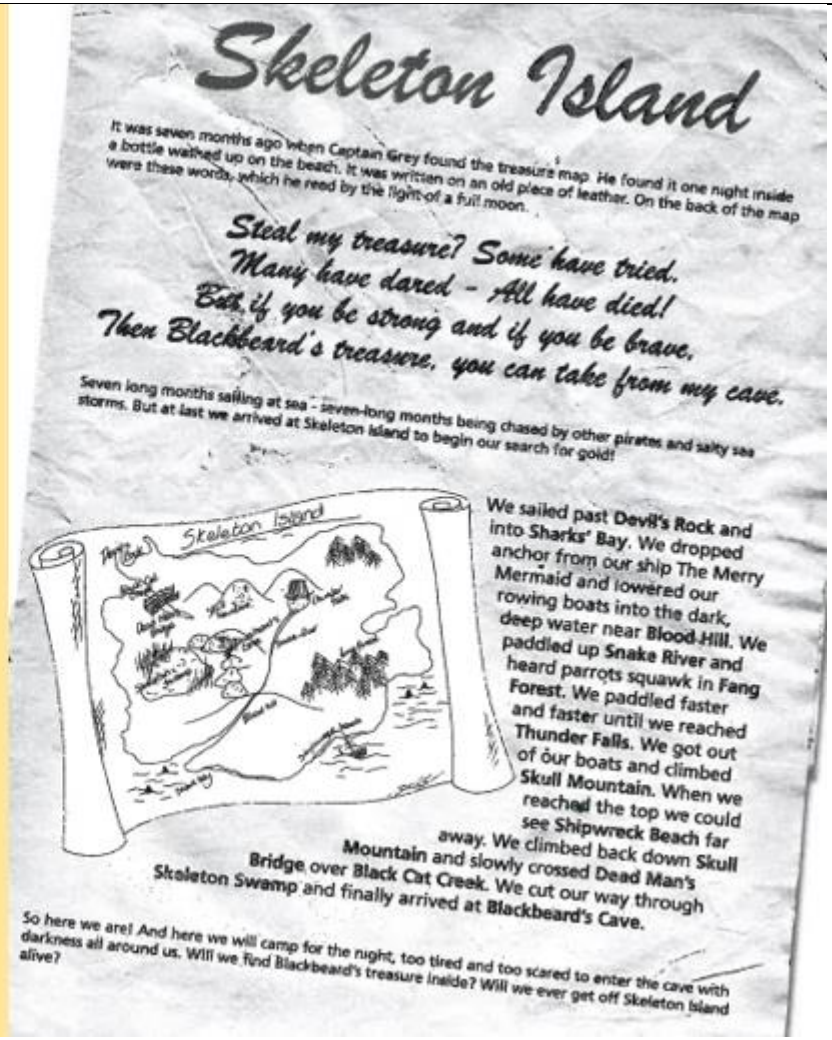
Can you think of a silent letter word to match the picture?

_____

English

Read the following text.
Answer the following comprehension questions.

1. Make a list of all the things you might see on Skeleton Island.
2. What type of people do you think hunt for treasure?
3. Who found the map?
4. What did we sail past?
5. When you reach the top what can you see?
6. When did Captain Grey find the map?
7. What material is the map written on?
8. Captain Grey read the map with a torch, true or false?
9. Where was the treasure hidden?
10. What was the name of the Ship Captain Grey travelled on?



Skeleton Island

It was seven months ago when Captain Grey found the treasure map. He found it one night inside a bottle washed up on the beach. It was written on an old piece of leather. On the back of the map were these words, which he read by the light of a full moon.

Steal my treasure? Some have tried.
Many have dared – All have died!
But if you be strong and if you be brave,
Then Blackbeard's treasure, you can take from my cave.

Seven long months sailing at sea – seven-long months being chased by other pirates and salty sea storms. But at last we arrived at Skeleton Island to begin our search for gold!

We sailed past **Devil's Rock** and into **Sharks' Bay**. We dropped anchor from our ship The Merry Mermaid and lowered our rowing boats into the dark, deep water near **Blood Hill**. We paddled up **Snake River** and heard parrots squawk in **Fang Forest**. We paddled faster and faster until we reached **Thunder Falls**. We got out of our boats and climbed **Skull Mountain**. When we reached the top we could see **Shipwreck Beach** far away. We climbed back down **Skull Mountain** and slowly crossed **Dead Man's Bridge** over **Black Cat Creek**. We cut our way through **Skeleton Swamp** and finally arrived at **Blackbeard's Cave**.

So here we are! And here we will camp for the night, too tired and too scared to enter the cave with darkness all around us. Will we find Blackbeard's treasure inside? Will we ever get off Skeleton Island alive?

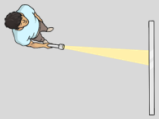
Science

Science

Light

Light is a beam of energy that travels in a wave from a source.
A wave of light can only travel in a straight line.
Waves of light are called light rays.

Try this activity to demonstrate how light travels:
- Punch holes in the centre of three equal-sized pieces of card.
- Hold the pieces of card so that the holes line up.
- Shine a torch so that the beam of light can travel straight through the holes.



What happens if you move one of the pieces of card so the holes don't line up?

1.

Blocking Light

When you moved one of your pieces of card so the holes did not line up, the card blocked the ray of light. This is because light can only travel in a straight line, so it can not travel around the card.

Some objects, like the card, block light well and don't let any get through. These objects are called opaque.

Other things let some light through, but scatter the light so we can't see through them properly. These things are called translucent.
Transparent objects let light travel through them easily.

Can you think of some items that are opaque, translucent and transparent?
Look around your classroom for ideas!

2.

What's the Use?

Opaque, translucent and transparent materials are all useful for different things. Look at the items below and decide which type of material would be best for each one:

bathroom window	living room curtains	car windscreen
sun hat	window with a lovely view	shower curtain

3.

Making Shadows

Opaque objects do not let any light through.

They completely block the light and stop it travelling any further.

These objects create shadows.

Shadows are areas of darkness where light has been blocked.

4.

Science

You are going to test items you find in your house to test if they are Opaque, Translucent or Transparent.

Collect as many different items as you want BUT make sure they are all different materials.

You will need:
- A torch (a torch on a mobile device can be used.)
- Objects to test. (Different materials are needed)

5.

Science

Make a prediction.
1. What objects do you think will be opaque?
2. Which objects do you think will be translucent?
3. Which objects do you think will be transparent?

4. What different materials are you testing?

Shine the torch on each object to see what sort of shadow it makes.
Put each object in the correct column below.

Opaque Blocks all light and makes a dark shadow.	Translucent Lets some light through and makes a faint shadow.	Transparent Lets all the light through and does not make a shadow

Was your prediction correct?

6.