

# Day 6

## Year 4 tasks

### English



Write a story about finding a dragon's egg.



- *Where did you find it?*
  - *Where is it from?*
  - *Why is it so small?*
  - *What colour is it?*
  - *What is it called?*
  - *What do you do with it?*
  - *What happens when it hatches?*
  - *Is the dragon magic?*
- *What magic can it do?*
  - *What adventures do you have together?*
  - *What problems might you face together?*
  - *How might you solve those problems?*
  - *What happens to your dragon at the end of the story?*

- \* Include a beginning, a middle and an end.
- \* Think about the features you have learned to use this year  
Which ones will be useful in this story?  
How can you use them to impact your reader?
- \* Use the ALWAYS toolkit.
- \* Don't forget to edit and up level your writing.

### Maths

#### **Sealed Solution**

A set of ten cards, each showing one of the digits from 0 to 9, is divided up between five envelopes so that there are two cards in each envelope. The sum (total) of the two numbers inside it is written on each envelope:



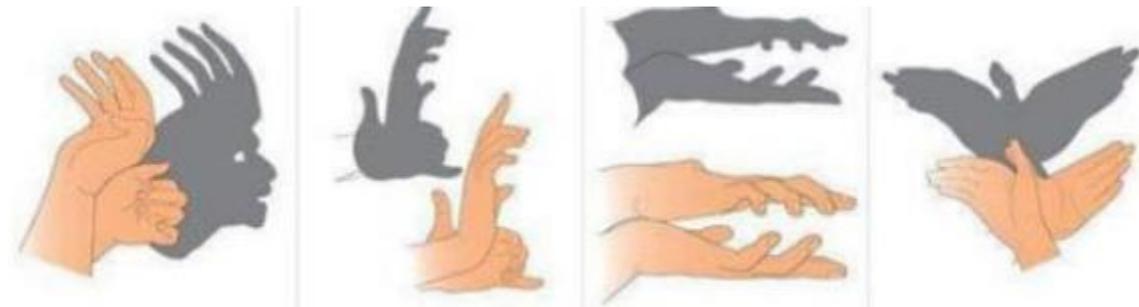
What numbers could be inside the "8" envelope?

*Hint – you will need to think about what numbers are in the other envelopes as well*

# Science

## **Shadows**

Have a look at the information on the BBC ([use this link](#)) and think about what we have learned in school (shadows are created when light is blocked by an opaque object). Use a torch, or a phone light or a lamp or even the light in your room, to explore shadows. Try using different objects to make different shadows. Do all the shadows look like the objects? Can you make the shadow bigger? Can you make the shadow smaller? How do you do this? Why does it work? Can you use your hands to make shadows that look like something?



## **Experiment**

On a sunny day, watch how the shadows the sun creates change as the day goes on.

### **Set up.**

You will need an object that is in the sunlight and is making a shadow - this might be in your house or your garden or one you can see from your window.

### **Step one**

Record where the shadow is - you might take a photo, or draw a picture or (if it is in your garden) you might draw round the shadow with some chalk. You could even put a small object on a piece of paper on a windowsill and draw round the shadow.

### **Step two.**

Record where the shadow is every 2 hours using the same methods as above.

### **Step three**

Note down what you notice about how the shadow changes throughout the day. Why do you think the shadows change? Why do they change in the way they do?

Before you start you might want to make a prediction about how the shadow will change throughout the day.