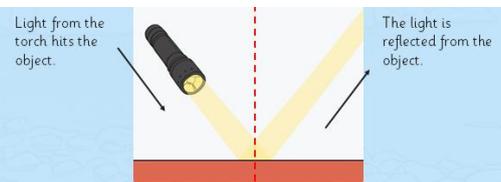
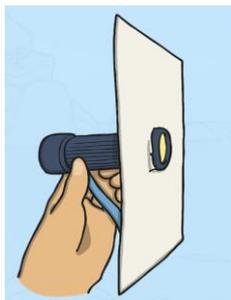


### Highlights of the week:

This week we have been continuing to develop our scientific knowledge of light and dark. We turned our attention to understanding how reflection works. We know that light travels in a straight line, and when this light touches an object, the light bounces off the object and is reflected into our eyes (see diagram below). We wanted to test how reflection works by setting up a reflection experiment!



First, we cut a hole in the centre of some card and pushed a torch through. Then, we shone the torch at 4 different materials (tin foil, fabric, yellow card and gold paper) and if the material reflected light well, we saw the reflected light shine through the white card and light up!



From this experiment, we found that the tin foil was the most reflective material, because it reflected the most light onto our card. The fabric was the least reflective because no light came through the card.

In Geography this week, we have been carrying out a comparison between two different locations. We began to look at the human characteristics of 2 cities – Norwich and Manchester! We had 2 factsheets about the 2 cities hanging outside the classroom. We

had to work in teams to go outside and read the factsheets, then return to the classroom and write down as much information as we could remember! We had lots of fun! We soon realised that both cities had famous football stadiums, a cathedral and universities. Can your child tell you any differences between the 2 cities?

In maths we have been focusing on adding and subtracting 1 digit numbers from 3 digit numbers while crossing the tens boundary. We have used a number line to help us with this!

In literacy we have been learning our 'Manchester Ridgeback' text off by heart, and focusing on applying our grammar knowledge to interesting pictures on Pobble 365!

### Talk about

Can you find any reflective surfaces in your house/outside?  
Why do we need reflective surfaces? Why are they important?

### Maths fluency practise:

Practise counting in threes.

### Literacy Homework:

How much of our Manchester Ridgeback text can your child remember? Can your child perform it to you?

Challenge: Can your child write about the dragon they have seen using the Manchester Ridgeback to help them?

### Literacy Homework comment:

### New vocabulary (Discuss these with your child and see if they can remember their meanings!):

Crossing the boundary, exchanging, partnership, reflection, landmark, population

### Parent/Carer comment:

Week Beginning 09.10.2017

**Use this sheet to attach any work from the children/photos.  
Literacy: You can use this space to write about your dragon**