

## This week we have been .....

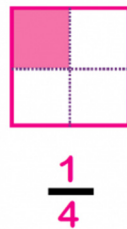
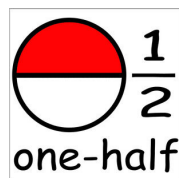
- scientifically experimenting to find suitable materials with the right properties to protect a penguin egg.

Describe in sentences some of the materials and their properties around your home. For example: The glass in the window is transparent, shiny and smooth.

### What does waterproof and absorbent mean?

- understanding the links between division and fractions.

Half is a whole divided into two equal parts and a quarter is a whole divided into four equal parts.



Has this shape been divided into quarters?



Explain your answer.

- evaluating existing egg protectors and boxes

**Purpose:**  
what is it designed to do?



**User:** who is it designed for?

**Functionality:**  
how do you think it works?



**Design decisions:**  
what choices has the designer made?



Tell someone at home how to evaluate a product at home such as a Hoover or kettle.

