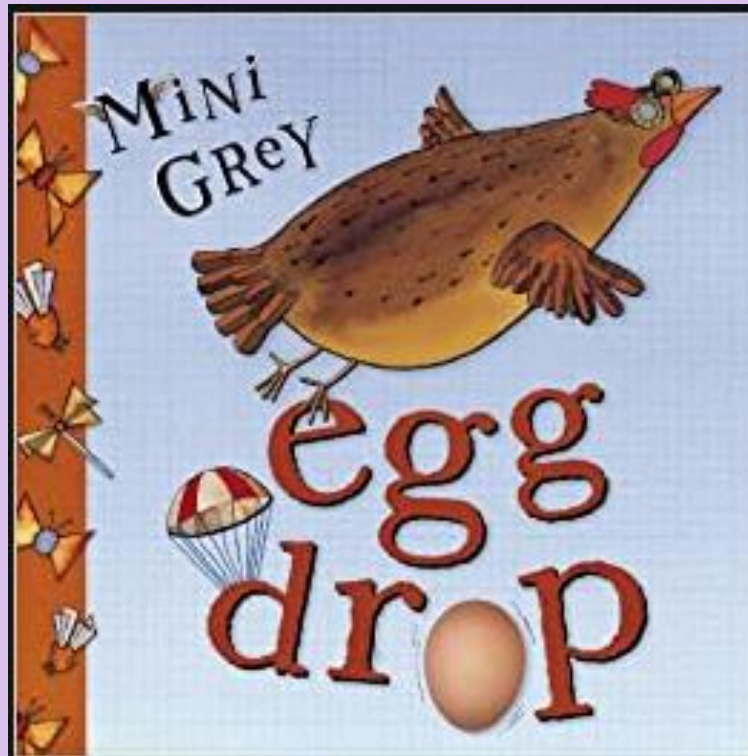


Science 3

Materials- Suitability

Listen to the story of 'Egg Drop' by Mini Grey

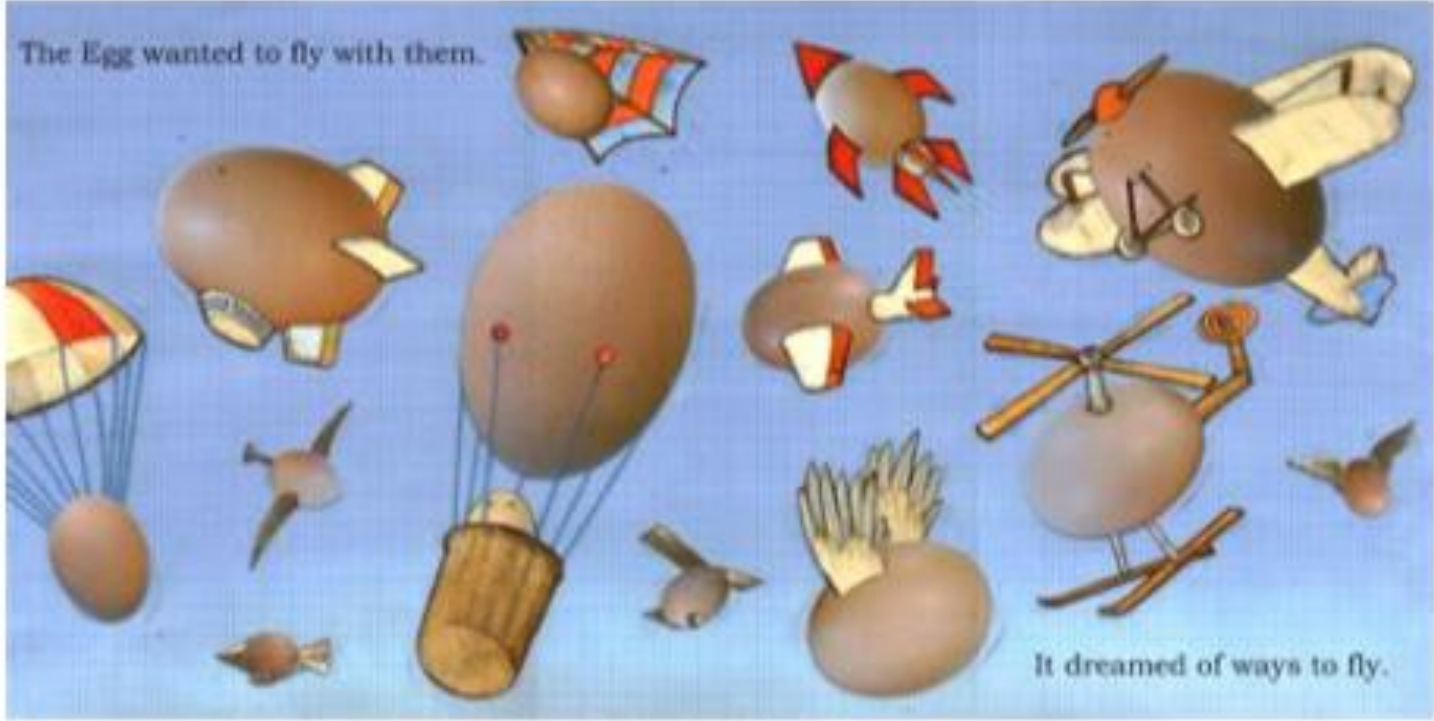


<https://www.youtube.com/watch?v=4lxBq9nJkig>

Poor little egg. But Oh no! Another egg from the nest wants to fly too!



Please help to save my egg by designing a protection device!



The egg has already had some ideas.
Which one do you think will work best?
Why?

Your mission if you choose to accept it!

To design a protection device for a real egg!

You need to think about...

1. A way of making the egg fall slowly.
2. What material and shape will be best to protect the egg from breaking when it hits the ground.



1. Design a way for the egg to fall slowly.



You need to create a resistance or drag- so that the egg falls slowly

What materials do you think would be best for this?

Explain your choice- I chose... because...

Materials you could use:

- paper
- cling film
- tin foil
- tissue paper
- plastic bag
- kitchen roll



2. Design a way of stopping the egg from breaking when it hits the ground.



You need to create a protection or cushioning- so that the egg does not break.

What materials do you think would be best for this?

Explain your choice- I chose... because...

Materials you could use:

- straws
- cello tape
- plastic cup
- paper cup
- cotton wool
- lolly sticks
- cardboard
- toilet roll
- tissue
- paper

