

1

Scientists wonder **how** something happens. Think, pair and share your thoughts about the questions below and predict what the answers may be.

- How many different ways can you move a balloon?
- How will you change its speed or direction?
- Can you change its shape? How?



2

Use a balloon to investigate the questions and find out if your predictions were correct. Record the results of your investigation.

I made it move by ...

I changed its speed and direction by ...

I changed its shape by ...

3

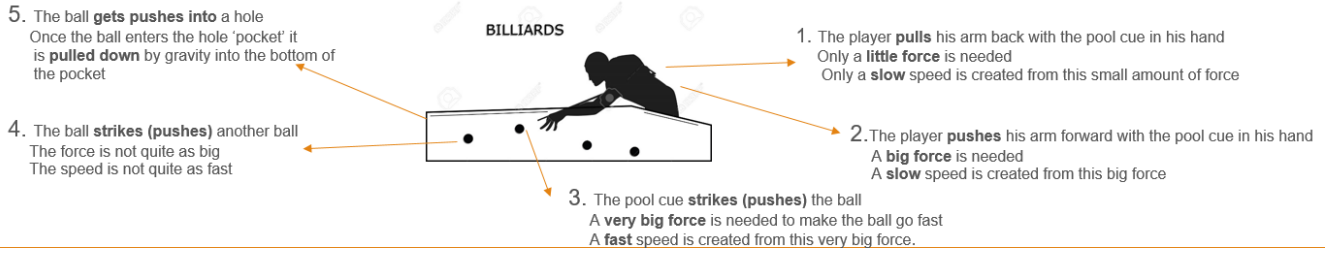
What if the object was a rock or a feather?

Discuss how your results would have been different.



Now, choose 3 scenes from the video to draw and label the forces that you saw happening in each.

Here is ONE 'worked example' for you, to show you what to strive towards:



A large empty rectangular box with a blue border, intended for a student to write their own worked example.