# Unit 2: Does science tell the truth?

## Lesson 2: Pupil Worksheet

**Does ONLY Science tell the truth?**

**Read these statements together:**

1. Pushes and pulls are forces

2. Joe, who likes sliding on ice, is in hospital with a broken leg.

3. Lucy is quite sure that when you die you stay dead, but Jemma is quite sure that when you die you go to a different kind of life – and I’m not sure about either!

4. Humans, bats and tortoises are all vertebrates.

5. Plants need light to grow.

6. It is wrong to test cosmetics and shampoos on animals.

7. ‘I love you,’ said Joanna to her cheeky baby brother.

8. A unicorn is a flying horse with a horn in its forehead.

## Now answer the follow questions in your book

Which 3 statements are scientific?

####  Write their numbers here \_\_\_\_ \_\_\_\_ \_\_\_\_

Which statement is just a statement of fact (about something that has happened)?

####  Write its number here \_\_\_\_

Which statement is expressing an opinion?

####  Write its number here \_\_\_\_

Which statement is about belief?

####  Write its number here \_\_\_\_

Which statement is about a figure from mythology?

####  Write its number here \_\_\_\_

Which expresses an emotion?

####  Write its number here \_\_\_\_

Does statement number 6 have anything to do with science? In what ways?

Some people say that only science can tell us the truth about the world. They say if you can’t prove something is true, then it is meaningless. But – by saying this – they are saying what ***they*** believe – which can’t be proved by science!