The average person sheds 40 pounds of skin during his or her lifetime. That’s the weight of an average 5 year-old boy.

What is Science?

The word science comes from an ancient Latin word that means knowledge. Science is a process: a way of thinking and learning about things in which you test predictions about the world around you. Science usually leads to new questions and can never be finished because there will always be more to discover. Science does not prove things once and for all because there is always more to investigate, test and understand.

In science you look at clues and patterns, then come up with a hypothesis. A hypothesis is an idea that can be tested by observing, measuring or creating an experiment to see whether the idea works or not.

Fact or opinion?

A fact is something that can be tested. An opinion is something that someone thinks or believes.

1. Wooly mammoths are extinct.  ○ Fact  ○ Opinion
2. Ear wax can be gray, yellow, orange or brown.  ○ Fact  ○ Opinion
3. Microbes are tiny organisms.  ○ Fact  ○ Opinion
4. It is hard to understand what marine biology means.  ○ Fact  ○ Opinion
5. The ocean is a very interesting place.  ○ Fact  ○ Opinion
6. It is important to try and learn whether there is life on other planets.  ○ Fact  ○ Opinion
7. Inside Yellowstone National Park is a huge caldera that is a supervolcano.  ○ Fact  ○ Opinion
8. Men have more nose hair than women.  ○ Fact  ○ Opinion
9. Using computers is the best way to learn more about physics.  ○ Fact  ○ Opinion
10. More people die from lightning each year than shark attacks.  ○ Fact  ○ Opinion

Try this!

It is important for scientists to know the difference between facts and opinion. Check out these science related sentences and say whether they are facts or opinions.

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