



How are growth and change related?

THE BIG QUESTION

This unit is about ways in which people and things grow and change. You'll find out how seeds grow. You'll read about young people growing up and plants and animals migrating. Reading, writing, and talking about these topics will give you practice using academic language and help you become a better student.

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78-89

Science has changed the world in incredible ways. Scientific discoveries help us live longer, travel faster, and understand the universe better. These discoveries are the result of years of observation, careful experiments, and the curiosity to ask important questions.

One of the most important breakthroughs in science was the discovery of gravity. Isaac Newton's ideas helped explain why objects fall and how planets move in space. His work laid the foundation for physics. Later, Albert Einstein built on these ideas with his theory of relativity, which changed how we understand time, space, and energy.

In the field of medicine, science has saved millions of lives. The discovery of antibiotics, vaccines, and modern medical technology has helped treat diseases that were once deadly. Today, scientists continue to search for cures for illnesses like cancer and new ways to fight viruses such as COVID-19.

Science also plays a big role in protecting the planet. Environmental scientists study pollution, global warming, and endangered species to find solutions for a healthier Earth. At the same time, space science is helping us learn about other planets, black holes, and even the possibility of life beyond Earth.

In conclusion, scientific discoveries shape our world and continue to improve our lives. Whether it's in health, the environment, or space, science helps us understand problems and find solutions. Supporting science and learning more about it is one of the best ways we can build a better future for everyone.

1. Suggest a suitable title for this passage.

Science Works Miracles

2. What are some ways science has changed the world according to the essay?

People live longer now, we travel faster than ever, and our understanding of the world has improved.

3. How did Albert Einstein contribute to our understanding of science?

He built on Newton's ideas regarding gravity with his theory of relativity which changed how we understand time, space, and energy.

4. Find a word from the text which means “big, important discoveries or progress.”
breakthroughs

5. Why is supporting science important for the future, according to the essay?
Scientific discoveries shape our world and continue to improve our lives. Whether it's in health, the environment, or space, science helps us understand problems and find solutions

6. Critical Thinking: How do you think science will shape the world in the next 50 years?

I believe that science will never stop changing the world. Firstly, cures for deadly diseases will be discovered such as cancer. In addition, many environmental problems, like climate change, will be solved leading to a greener future for next generations.

7. Real-Life Application Question

Can you think of a recent scientific discovery or invention that has impacted your life?
Electric cars, which are common now, have impacted many lives. They are cheaper and more environmentally friendly.