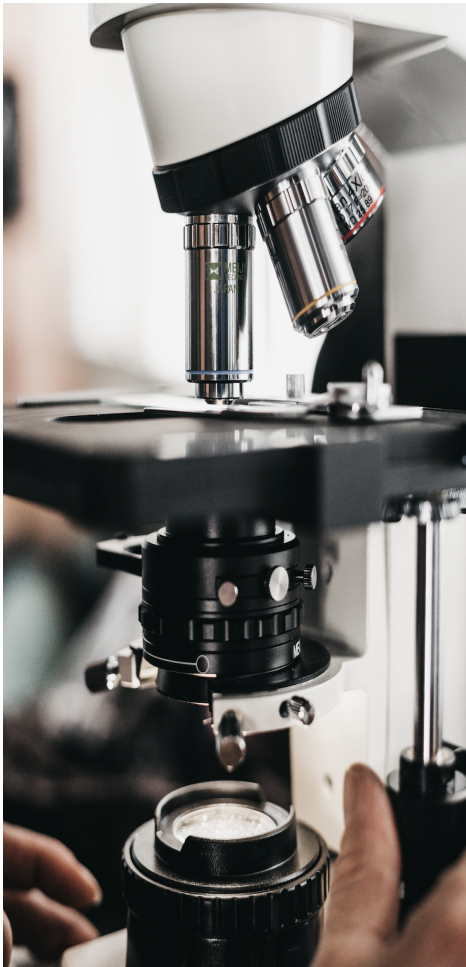


What is Science?

Science is the process of building knowledge about the world through observation and experimentation. In science, **evidence** (proven facts) plays an important role. The goal is always to prove or disprove what we think is true about people, animals, plants, the planet, or the universe.

There are many branches of science. Three major branches include Life Science, Physical Science, and Earth Science. **Life Science** deals with living things in all their forms, from tiny germs to giant redwood trees. **Physical Science** deals with matter, energy, and the structure of the universe. **Earth Science** studies how our planet is made, including how rocks, mountains, and oceans are formed.



People who study science are called **scientists**. Scientists ask questions that can be tested. They use specific tools and methods to study the world and make careful observations. They then record their findings and share them so that other scientists can learn from them.

Scientists must always be willing to examine new evidence and change their views based on the evidence. For instance, people used to believe that the earth was flat and that the sun revolved around the earth. But scientists discovered new evidence that proved those theories wrong.

Science is important to us in our daily lives. New discoveries have made our lives more comfortable than ever before. We can do things faster and communicate at great distances. We also know how to lead healthier lives. We can live longer thanks to new

findings in medicine and technology. Our lives would be very different without science.