

1

I am a scientist. I study rocks and the materials that make up the earth. I study earth processes such as earthquakes, landslides, floods, and volcanic eruptions. I survey land and draw up safe building plans. I investigate metals and minerals, and look for oil, natural gas, water and methods to extract these. I study the changes of the earth over time, such as climate change and land formation.

Scientists

name: _____

date: _____

3

I am a scientist. I work with technology and electricity on a daily basis. I apply physics and mathematics of electricity, electromagnetism and electronics to design and develop new electrical equipment and systems, to solve problems and to test equipment. Some of the scientists that paved the way before me were Thomas Edison who invented the electric light bulb. George Westinghouse, who invented alternating current, Nikola Tesla, inventor of the induction motor Guglielmo Marconi (radio) and Philo T. Farnsworth (television).

2

I am a scientist. I study plants, from microorganisms to giant trees — all plant life. There are many scientists like me. Some work outdoors and explore plants. Some study the effects of pollution (such as acid rain) on plants and work toward environmental protection. Others use biotechnology to develop new or improved plants. If you work in this field there are many locations to choose from: botanical gardens, arboreta, herbaria, zoos, and medical plant, and germplasm resources laboratories just to name a few.

4

I am a scientist. I work behind-the-scenes as a designer. I am responsible for creating robots and robotic systems that are able to perform duties that help to make jobs safer, easier, and more efficient, particularly in the manufacturing industry. I build, configure, and test robots. I design software to control their robotic systems, such as those robots used for manufacturing. I design automated systems that are used to increase the production and precision levels within a specific industry.

5

I am a scientist. I study the classification, life cycle, and habits of insects. I often work with other scientists on joint projects such as creating pest resistant crops. I also work with parasitologists or other microbiologists to develop new vaccines and medicines that combat insects that spread diseases.

Scientists

1

2

3

4

5

What kind of Scientist would you want to be?

What important work does this scientist do?



electrical
engineer



geologist



botanist



robotics
engineer



entomologist