

Learning About Scientists



Project PROMISE
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Virginia Department of Education



George Washington Carver

A scientist is someone who investigates things to find out more about them and how they work.

A scientist finds answers to problems by asking questions and looking at things carefully.

A scientist also finds answers to problems by doing research and experiments.

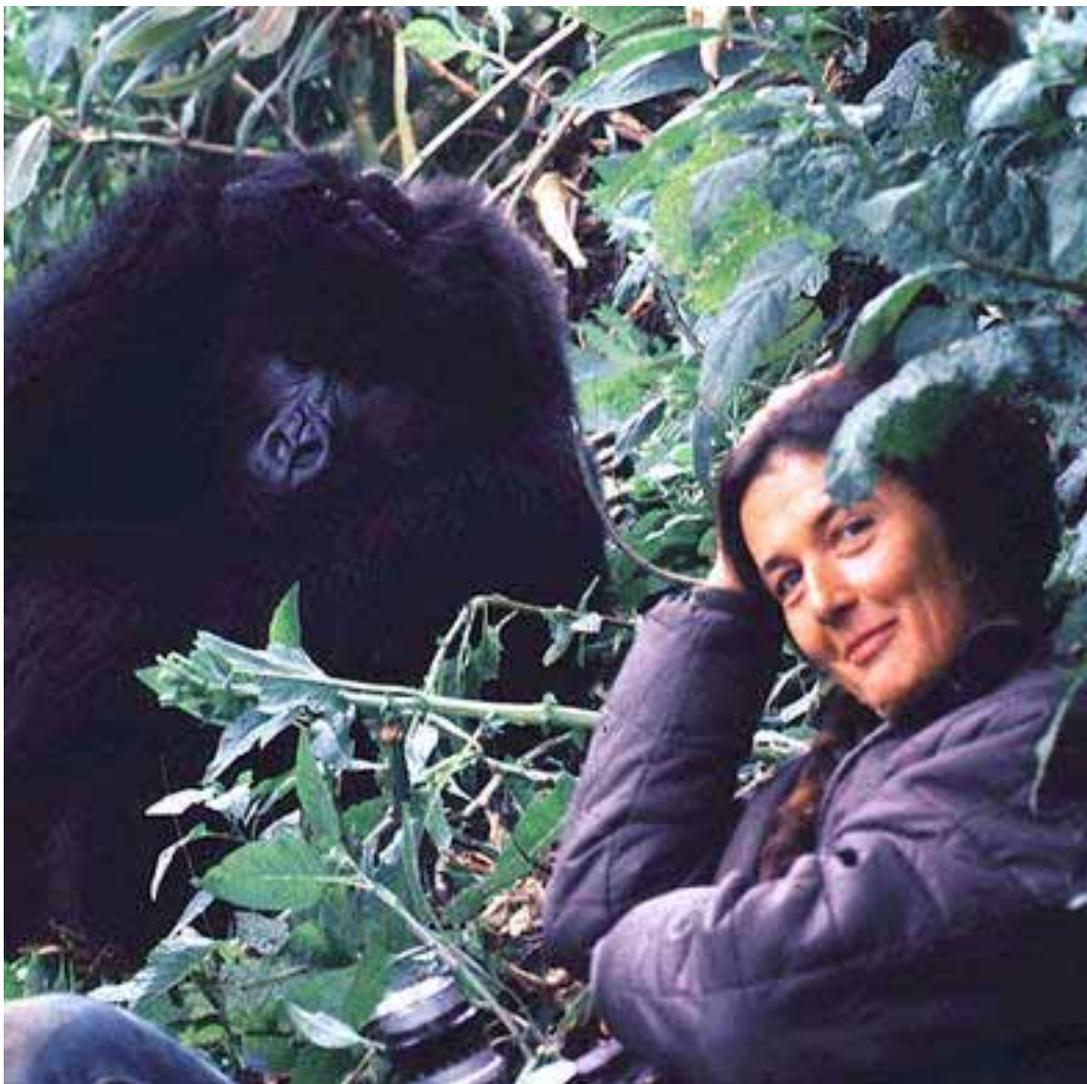


Scientists work in many different places. You might find scientists in a laboratory, in a school, on an airplane, at the beach, in a jungle, on a mountain, at the South Pole, or even in a back yard!

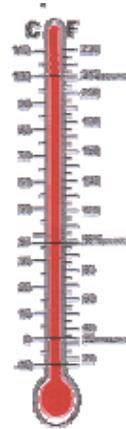
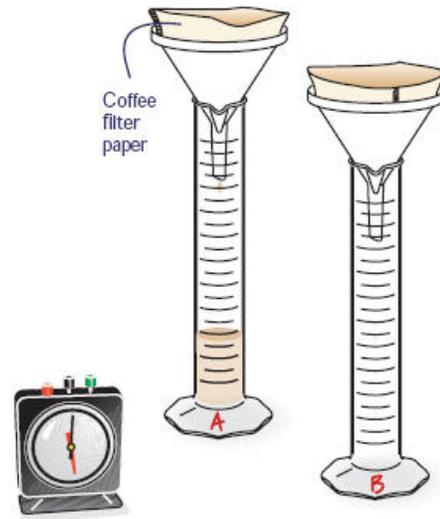


Sally Ride

When a scientist is working, she uses her senses to explore her world. She uses her eyes to look carefully, her ears to listen carefully, and her hands to work carefully.



Dian Fossey



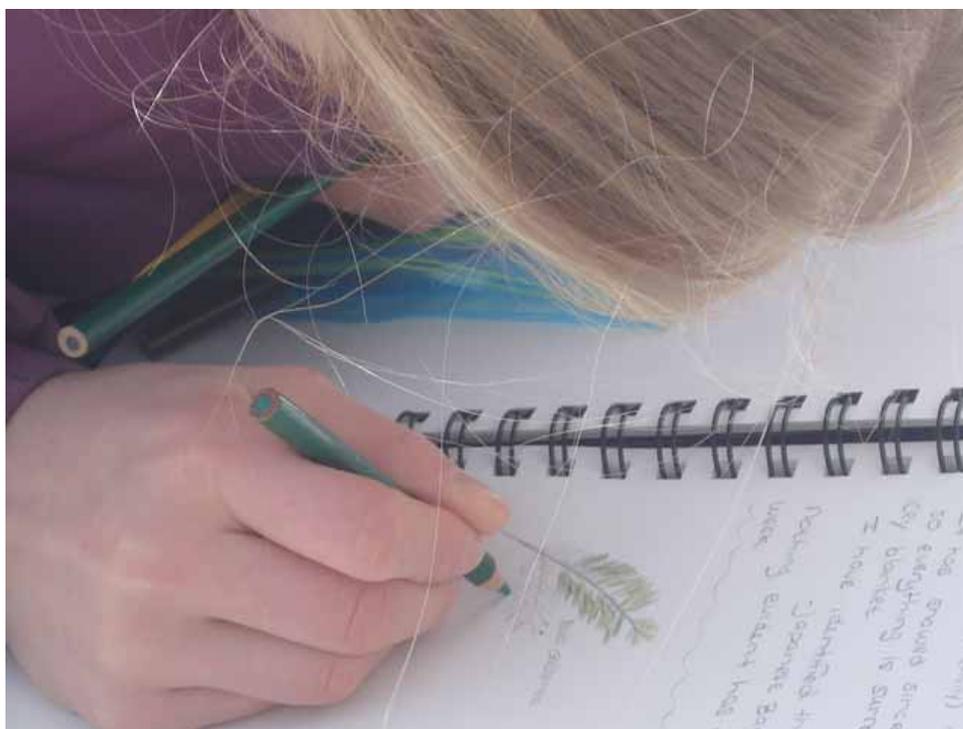
When a scientist is working, she measures carefully by using tools like thermometers, scales, rulers, clocks, and special measuring cups.



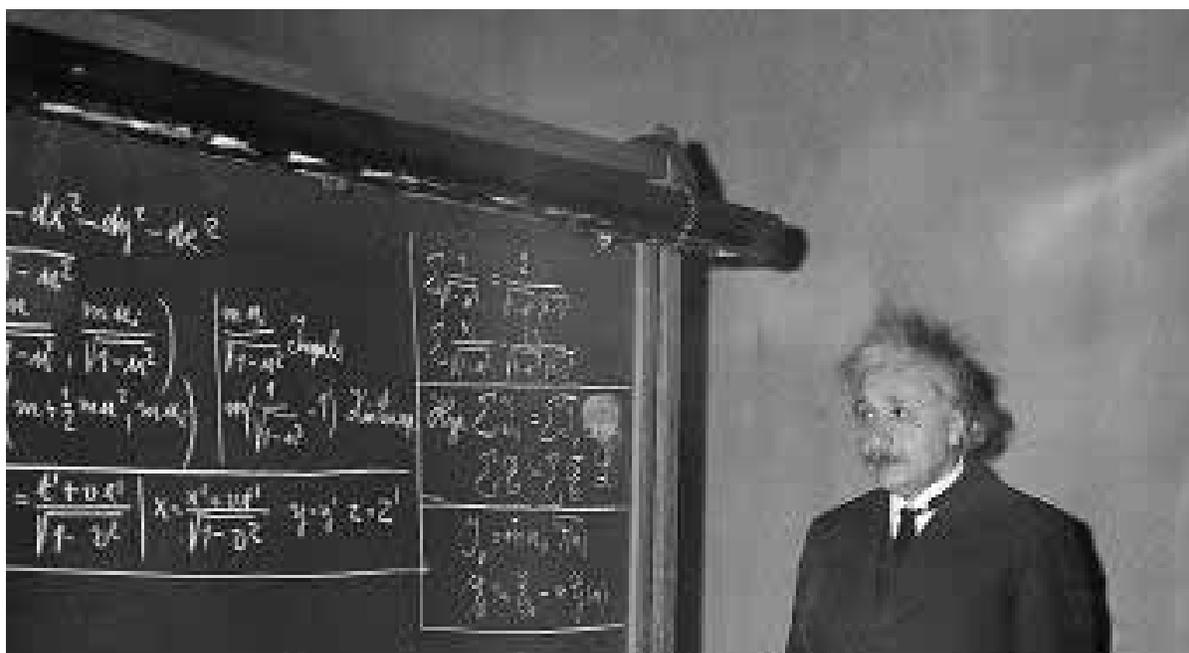
Dorothy McClendon



When scientists are working, they use tools like microscopes and magnifying glasses for looking at very small things, and telescopes or binoculars for looking at faraway things.



When scientists are working, they write down what they find out, so they can share information with others.



Albert Einstein



Garrett Morgan

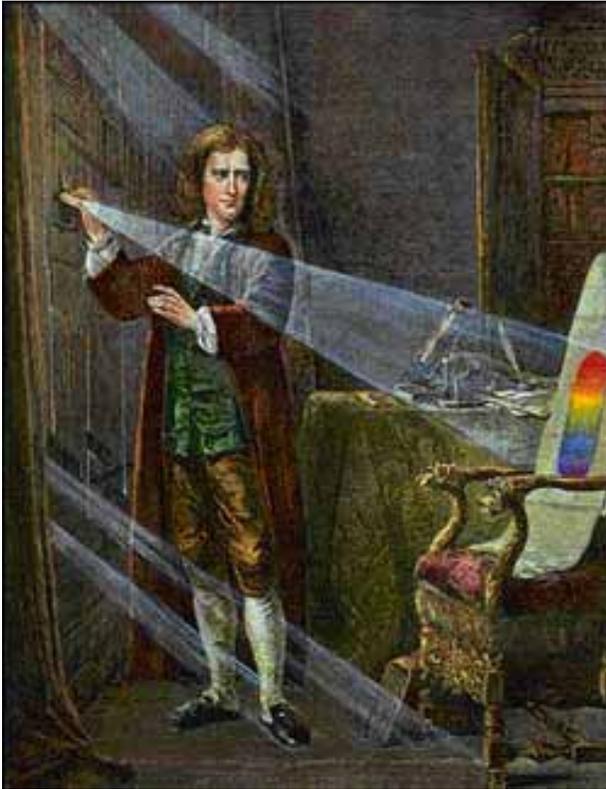


Louis Pasteur

Information that a scientist discovers may be used to solve real-life problems like keeping people healthy and safe, helping protect the environment, and making work easier.



A scientist may sometimes work with dangerous things, so he must stay safe. A scientist stays safe by wearing special equipment like goggles to protect his eyes, gloves to protect his hands, and a lab coat to protect his clothes.



Isaac Newton



Stephen Hawking

There are many famous scientists who have made important discoveries and changed the way we understand the world.



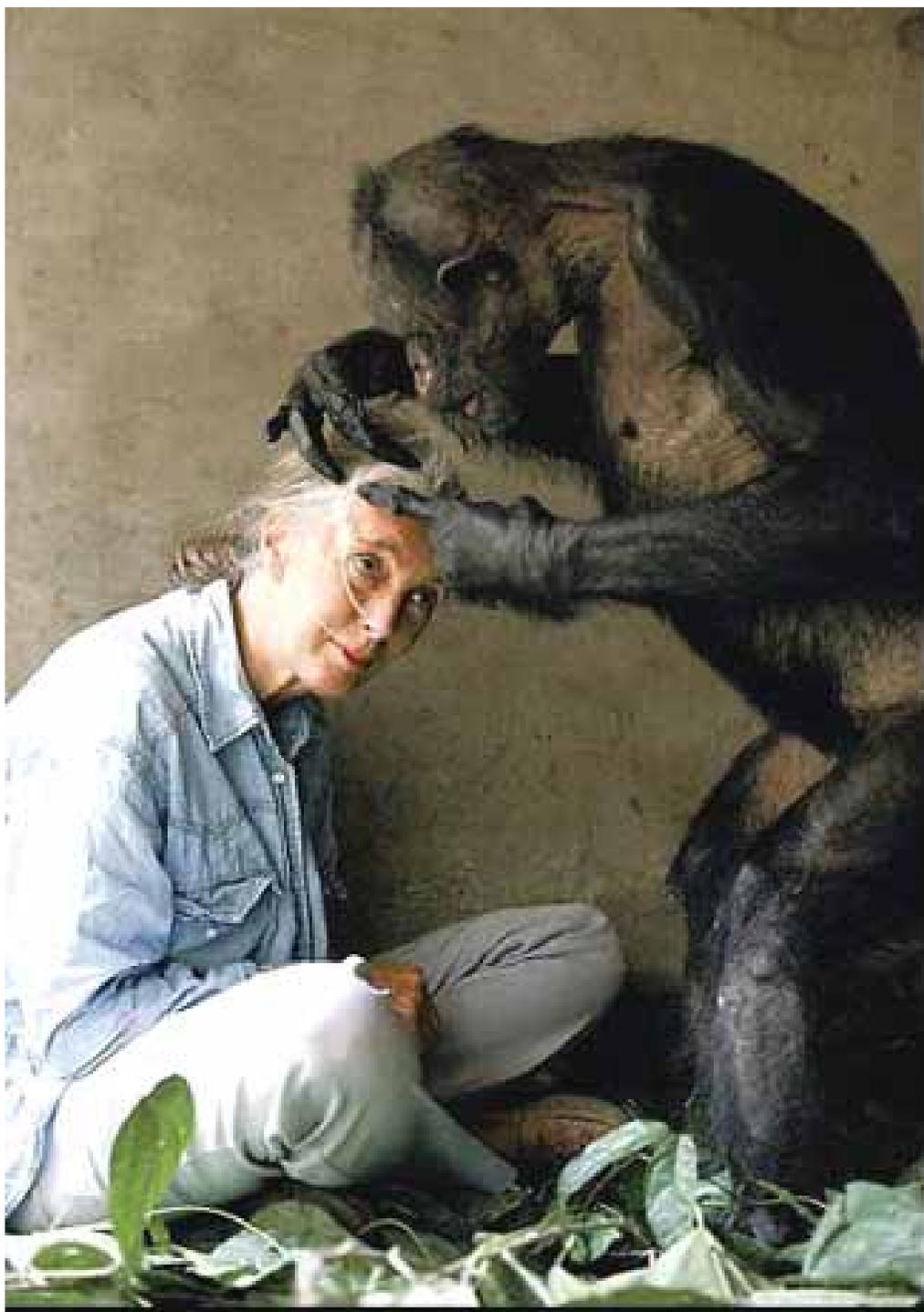
Rachel Carson



You can be a scientist, too!
What are some of the things a scientist
does?



A scientist who studies about plants like trees and flowers is a botanist.



Jane Goodall

A scientist who studies about animals is a zoologist.



A scientist who studies about ancient cultures is an archaeologist.



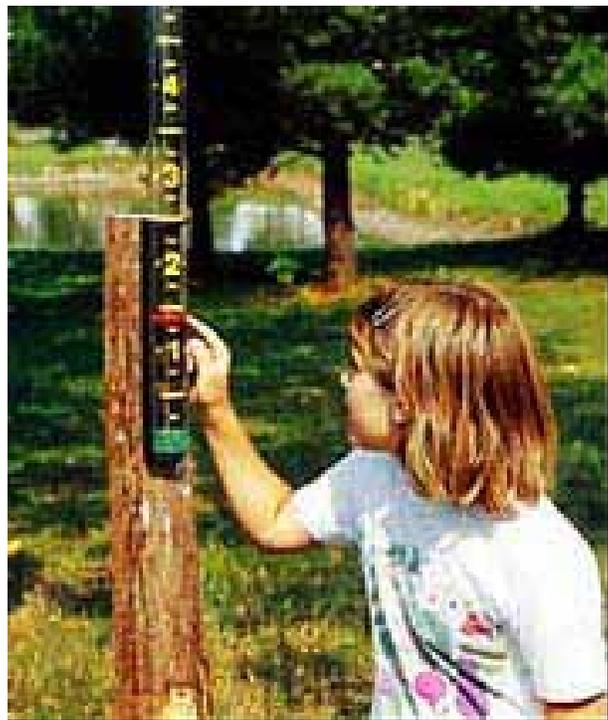
Archaeologists found this at Jamestown, Virginia. They think it might be an ear wax scoop and toothpick. What do you think?



Jacques Cousteau



A scientist who studies the ocean is an oceanographer.



A scientist who studies the weather is a meteorologist.



A scientist who studies rocks is a geologist.





A scientist who studies dinosaur fossils is a paleontologist.

A scientist who studies bugs and insects is an entomologist.





What do you like to learn about?

What kind of scientist would you like to be?