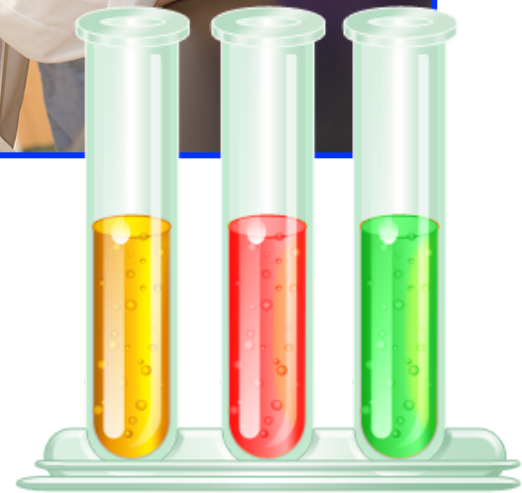




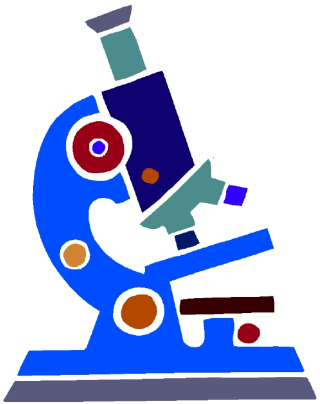
Careers in Biology



Microbiologist

What Do I Do?

Microbiologists study the growth, development, and other characteristics of microscopic organisms such as bacteria, algae, and fungi.



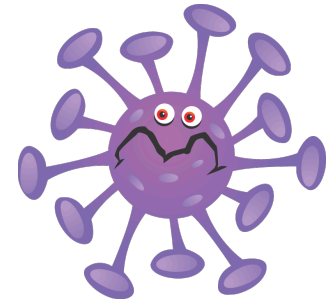
Veterinarian

What Do I Do?



Veterinarians care for the health of animals. They diagnose, treat, or research medical conditions and diseases of pets, livestock, and animals in zoos, racetracks, and laboratories.

EPIDEMIOLOGIST



**What Do I
Do?**



Epidemiologists investigate the causes of disease and other public health problems to prevent them from spreading or from happening again. They report their findings to public policy officials and to the general public.



Pharmacist

What Do I Do?

Pharmacists dispense prescription medications to patients and offer advice on their safe use.

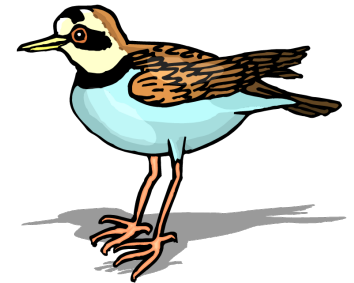


Ornithologist



What Do I Do?

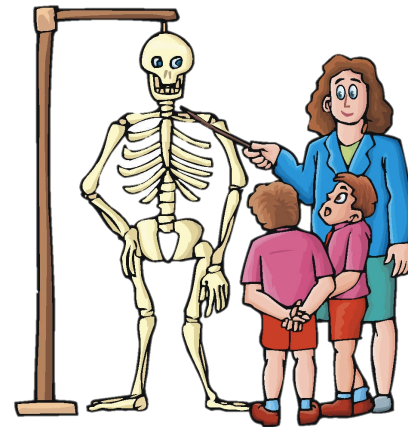
**An
ornithologist
is a scientist
who studies
birds.**



Biology Teacher

What Do I Do?

A biology teacher loves to work with young people to teach them about plants, animals, microorganisms, cells, and the environment.



Geneticist

What Do I Do?

Geneticists study genes, heredity and variation of living things.

Geneticists may study genetic disorders caused by abnormalities in genes.

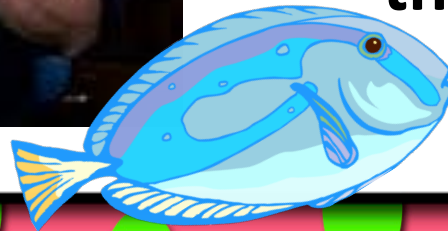


Ichthyologist



What Do I Do?

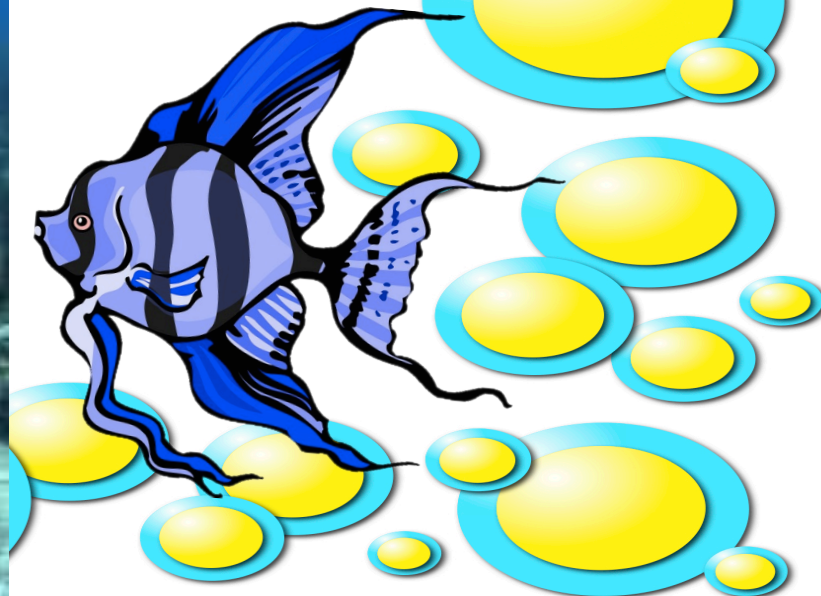
An Ichthyologist, one who studies fish, works to solve the problems that fish and their environments face through analysis and research.



Marine Biologist

A marine biologist studies marine organisms, their behaviors, and their interactions with the environment.

What Do I Do?

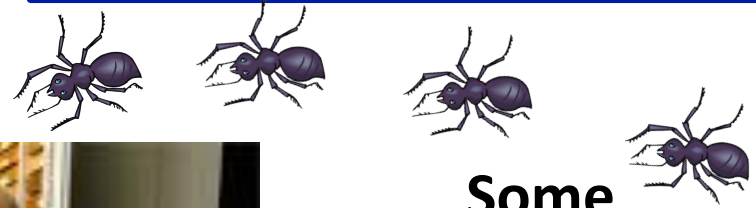


Entomologist



An entomologist is a scientist who studies insects. Careers include forensic entomology and agricultural entomology.

What Do I Do?



Some entomologists study only agricultural pests, while other study how insects may be vectors of disease.





Landscape architects plan and design land areas for parks, recreational facilities, highways, airports, and other properties. Projects include subdivisions and commercial, industrial, and residential sites.

What Do I Do?

Landscape Architect


What Do I Do?



Wildlife Biologist

Wildlife biologists research and monitor plant and animal habitats in a given region to determine various environmental and population dynamics, in order to determine how best to preserve our natural resources.





Astrobiologist

What Do I Do?



Astrobiologists look for life throughout the universe. Their search and studies may include an examination of environments that could potentially be a prior, current, or future home to life, particularly on places other than Earth.

**Conservation
scientists and
foresters manage
overall land quality
of forests, parks,
rangelands, and
other natural
resources.**



What Do I Do?

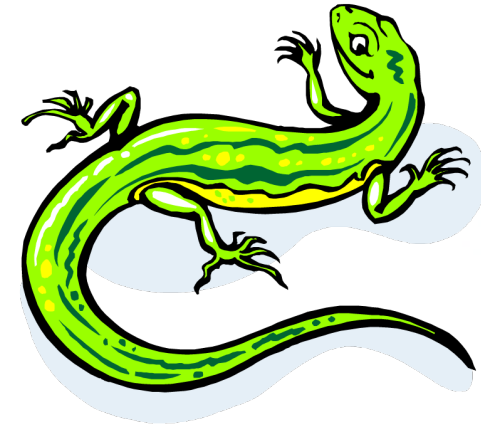


Forester

Herpetologist



What Do I Do?



Herpetologists study amphibians and reptiles. Herpetologists may work in zoos or for wildlife agencies, do environmental assessments, teach, or care for museum collections.



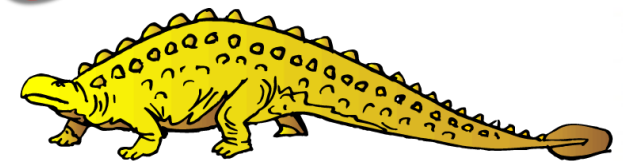
What Do I Do?



Paleontology is the study of the history of life on Earth, as reflected in the fossil record. Fossils are the remains or traces of organisms (plants, animals, fungi, bacteria and other single-celled living things) that lived in the geological past and are preserved in the crust of the Earth.



Paleontologist



What Do I Do?

Oceanographer

An oceanographer studies a wide range of topics, including marine life and ecosystems, ocean circulation, plate tectonics and the geology of the sea floor, and the chemical and physical properties of the ocean.



Botanist

What Do I Do?

Botanists are biological scientists who study plants. Their field, botany, is very broad. It encompasses the study of more than three hundred thousand species of plants ranging from ground-hugging mosses to giant redwood trees. Botanists usually specialize in one type or group of plants.



Physical Therapist



What Do I Do?

Physical therapists help people who have injuries or illnesses improve their movement and manage their pain.



What Do I Do?

Environmental engineers use the principles of engineering, soil science, biology, and chemistry to develop solutions to environmental problems. They are involved in efforts to improve recycling, waste disposal, public health, and control of water and air pollution.

Environmental Engineer

Soil Scientist

What Do I Do?



Soil science is the science dealing with soils as a natural resource on the surface of the Earth including soil formation, classification, and mapping; physical, chemical, biological, and fertility properties of soils; and these properties in relation to the use and management of the soils.

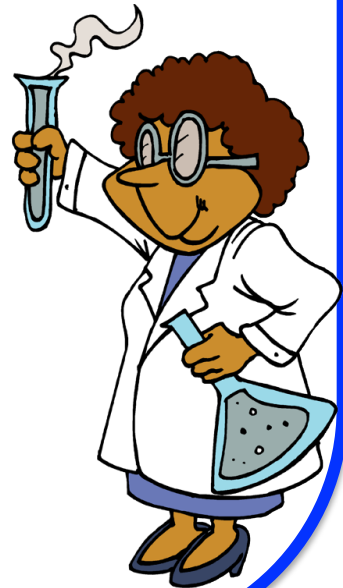
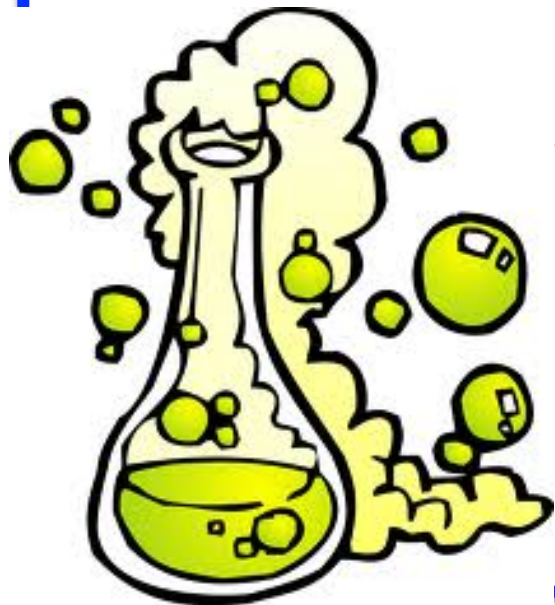


Biochemist

What Do I Do?



Biochemists and biophysicists study the chemical and physical principles of living things and of biological processes such as cell development, growth, and heredity.



What Do I Do?

Zookeepers care for animals in zoos, wildlife parks or aquariums.



Zoo Manager



Mycologist

What Do I Do?

A mycologist is a scientist who studies fungi. They may work for pharmaceutical companies discovering medicines for fungal illnesses, or in the baking and brewing industries.

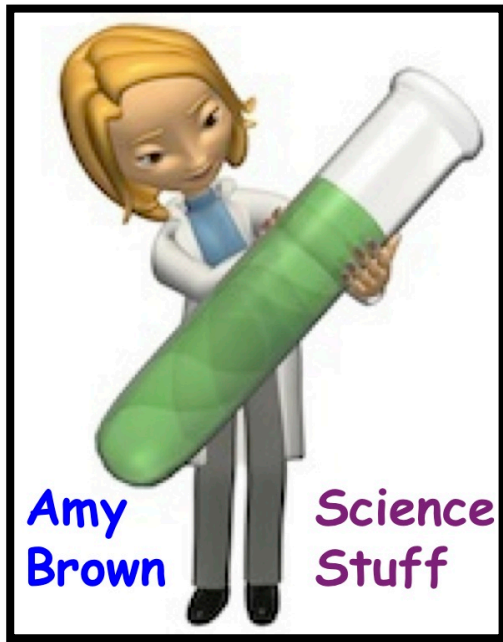


What Do I Do?

A pathologist is a physician who examines tissues, checks the accuracy of lab tests, and interprets the results in order to facilitate the patient's diagnosis and treatment.

Pathologist





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