



# CREAT-ure Own Bug Challenge

**STEM  
Skills  
&  
Careers**

Teamwork  
Knowledge of habitats  
Science  
Critical Thinking Skills  
Communication  
Love of nature  
Curiosity

**Entomologist**

**Archeologist**

**Environmental  
Engineer**

**Zoologist**

# ENTOMOLOGIST



An entomologist is a scientist who studies insects. Entomologists have many important jobs, such as the study of the classification, life cycle, distribution, physiology, behavior, ecology and population dynamics of insects.

Natural curiosity  
Patience  
Creativity  
Knowledge of  
physical science  
Love of research  
Communication

ESSENTIAL  
SKILLS



SUBJECTS  
OF  
STUDY



Programs and subjects to study for entomologists include: insect biology, insect physiology, pest management, insect-borne diseases, veterinary entomology, and more!

High School Diploma  
AND  
Bachelor's Degree  
OR  
Master's Degree

CAREER  
PATHWAY



Average  
\$20-35/hour

WHAT'S  
HOT



Average  
\$48,000/year

JOB  
GROWTH



2018-2028  
8%



# ARCHEOLOGIST



Archeology is the study of human activity through the recovery and analysis of material culture. The archeological record consists of artifacts, architecture, biofacts or ecofacts, and cultural landscapes.

Research Skills  
Knowledge/Interest  
of History  
Project Management  
Skills  
Flexibility  
Photography Skills

## ESSENTIAL SKILLS



## SUBJECTS OF STUDY



Programs and  
subjects to study  
for archeologists  
include: history,  
geography, civics  
and economics,  
biology, physics,  
languages, and  
more!

High School Diploma  
AND  
Bachelor's Degree  
OR  
Master's Degree

## CAREER PATHWAY



Average  
\$25-40/hour

## WHAT'S HOT



Average  
\$62,000/year

## JOB GROWTH



2018-2028  
8%





# ZOOLOGIST

Zoology is the branch of biology that studies the animal kingdom, including the structure, embryology, evolution, classification, habits, and distribution of all animals, both living and extinct, and how they interact with their ecosystems.

Communication Skills  
Critical-Thinking Skills  
Observation Skills  
Love of Nature  
Problem-Solving Skills

## ESSENTIAL SKILLS



## SUBJECTS OF STUDY



Programs and subjects to study for zoologists include: wildlife biology, animal behavior, physiology, parasitology, virology, ecology, chemistry, mathematics, statistical software, and more!!

High School Diploma  
AND  
Bachelor's Degree  
OR  
Master's Degree

## CAREER PATHWAY



Average  
\$25-40/hour

## WHAT'S HOT



Average  
\$60,000/year

## JOB GROWTH



2018-2028  
4%





# ENVIRONMENTAL ENGINEER

Environmental engineers use 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.

Communication Skills  
Imagination  
Interpersonal Skills  
Problem-Solving Skills  
Knowledge of Technology  
Mathematics  
Reading/Writing Skills

ESSENTIAL  
SKILLS



SUBJECTS  
OF  
STUDY



Programs and subjects to study for environmental engineers include: solid/hazardous waste management, microclimatology, coastal chemical systems, marine microbial ecology, and so many more!

High School Diploma  
AND  
Bachelor's Degree  
OR  
Master's Degree

CAREER  
PATHWAY



Average  
\$25-40/hour

WHAT'S  
HOT



Average  
\$70,000/year

JOB  
GROWTH



2018-2028  
12%

