

Living Science Careers Equipment Bags

Note: Careers identified for each group are only suggestions; some careers may fall into one or more groups. Kit includes some, not all, of the items listed below. You may wish to collect the additional items listed.

Group 1: Aquaculturist, Fisheries Scientist

Fish net
Plastic aquatic plants
Measuring tape
Fish food
Photos of shrimp, trout, or other aquatic life
Stuffed fish
Eye dropper
Test tube
pH tester

Group 2: Hydrologist, Conservation Biologist, Environmental Scientist, Range Manager, Remote Sensing Specialist

Compass
Resource books, e.g., *Common Native Trees of Utah*, noxious weed guide, land use guide, environmental manual
Aerial photo
Clipboard
GPS photo
Small bag of grass seed

Group 3: Florist, Turf Scientist, Plant Geneticist, Agronomist, Soil Scientist, Horticulturist, Plant Pathologist, Weed Scientist, Renewable Energy Specialist, Plant Physiologist

Plant bulbs
Small bag of grass seed
Plant fertilizer, e.g. Osmocote
Jar of soil sample
Flask
Pruners
Plant markers
pH strips
Sample of seeds

Group 4: Wildlife Biologist, Veterinarian, Animal Nutritionist, Virologist, Biotechnologist, Toxicologist

Stethoscope
Small plastic or stuffed animal
Small bag of hay or alfalfa
Latex examination gloves
Small bag of feed
Test tube, plastic vials
Petri dish
Safety glasses
Photos of animals

Group 5: Entomologist, Nematologist

Hand lens
Plastic insects
Plastic worms
Butterfly net
Tweezers
Microscope slides
Handheld microscope
Photos of insects in natural habitats, e.g., bees in hives

Group 6: Food Process Engineer, Food Scientist, Food Safety Specialist, Nutritionist/Dietician

Flattened cereal box
Portion Distortion poster
Ear of corn
Test tube
Beaker
Plastic fruit or vegetables
Paper food models
MyPlate activity guide
Food thermometer

Group 7: Wood Scientist, Forest Engineer, Forester

Piece of tree trunk e.g., one that shows growth rings
Small piece of lumber
Compass
Pinecones
Small evergreen branch
Red plastic “tape”—the kind used to mark trees
Tape measure