

Research and Technology Studies Part 1



The use of technology such as microscopes, compasses, dissecting tools and more allow young scientists to gather information and understand concepts in a deeper level. Research comprises "creative work undertaken on a systematic basis in order to increase the stock of knowledge, including knowledge of humans, culture and society, and the use of this stock of knowledge to devise new applications." It is used to establish or confirm facts, reaffirm the results of previous work, solve new or existing problems, support theorems, or develop new theories. The primary purposes of basic research are documentation, discovery, interpretation, or the research and development of methods and systems for the advancement of human knowledge.

Research and Technology Studies	Description
3D-Bodies	Anatomy study through dissection.
Animal Profiles	Animal Profiles and Tracks
Animal Zip Codes	Study of Zoogeography
Becoming Naturalists	Putting into practice naturalists research techniques
Bundle Buddies	Introduction to taxonomy
Cause and Effect	Introduction to animal behavior
Clues Everywhere	Introduction to Forensic Sciences
Connecting the Dots	Introduction to Habitats, Biomes and Ecology
Dumping Grounds	Pollution, problems and solutions
Eye Spy	Making Scientific Observations
Field Glasses	Introduction to binoculars and wildlife watching
Finding Florida	Learning about Florida Ecosystems
Fishers Frenzy	Introduction to Fishing Techniques and Bycatch
Flaming Flora & Fauna	Introduction to Fire Dependent Ecosystems
It's a Keeper	Introduction to fishing regulations and conservation
Managers of Mother Earth	Introduction to conservation and preservation
Mounted Messages	Preparation of slides and compound microscopes
Nature Memoirs	Introduction to Nature Journaling
Nature Stamps	Fish and leaf printing
Nature Credential	Using Field Guides to identify flora and fauna

Research and Technology Studies Part 2



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Research and Technology Studies	Description
Ocular Lenses	Introduction to different types of microscopes
On-Screen Observations	Introduction to digital microscopes
Painting with Nature	Introduction to pigments and dyes
Perspective Detectives	Observations vs Inferences
Photogenic Nature	Introduction to Nature Photography
Picky Nature	Introduction to Natural Selection and Evolution
Plants and People	Introduction to Ethnobotany
Prints from the Past	Introduction to archaeology
Reel and Read!	Learning how to read body of animals
Salt Life	Introduction to Marine Biology
Sea Raiders	Pirates, History and Archeology
Slime Time	Introduction to Scientific Method by creating slime
The Oldies	Ancient Civilizations and museums
The Power of Symbols	The use of symbols and the meaning behind them.
What's for Mealworm?	Study of mealworms, adaptations and behavior
Who dung it?	Animal Scat
Who's your daddy?	Introduction to Genetics
Xmas Facts	The nature behind holiday plants and animals
X-Ray Vision	Study of X-Rays
Zoo Sketch	Introduction to animal sketches and anatomy