

## SUGGESTED TOPICS FOR 7<sup>TH</sup> GRADE ACADEMIC FAIR

### Plants:

Seed plants	Plant Reproductions
Photosynthesis	Fruits and Seeds
Plant growth	Plant Structure
Plant Adaptations (such as plants to a desert)	Mosses
Structure of flowers	Conifers
Ferns	Mushrooms

Sponges	Spiders
Jelly fish or Coral	Reptiles
Parasites	Amphibians
Worms	Birds
Mollusks – Clams, oysters	Mammals – should be unique
Starfish	Fish
Insects	Blue Crabs or Oysters

### Ecology:

Life in a Particular Environment – Desert, cave, stream, coral reef, ocean  
Chesapeake Bay  
Endangered Species  
Wildlife Conservation

### Genetics:

DNA	Darwin's Theories
Principles of heredity	Stem Cell Research
Genetic Disorders	Cloning
Forensic Genetics	
Genetic Engineering	
Human Genome Project	

### Nutrition:

Vitamins or Minerals	Food Preservation
Cholesterol	Food additives
Vegetarian Diet	Eating Disorders

### Microorganisms:

Bacteria	Molds
Yeast	Fungi
Protozoans	

**Cells:**

Cell division  
Cellular Organelles  
Cellular Diversity

Cell Respiration  
Fermentation

**Human Systems:**

Digestive  
Circulatory  
Skeletal  
Muscular  
Skin  
Taste and Smell  
Respiratory

Nervous  
Excretory  
Reproductive  
Endocrine – Thyroid, Adrenal,  
Pituitary, Pancreas  
Vision  
Hearing

**Diseases:**

Tuberculosis  
Malaria  
Smallpox  
Diabetes  
Anthrax  
Sickle-Cell Anemia  
Yellow Fever

Arthritis  
Dutch Elm Disease  
Potato Blight  
Rickets  
Cystic Fibrosis  
Asthma  
Allergies