

Science Fair Themes and Topic Ideas

Themes in Biology

All science fair projects should be about biology.

Make sure that you pick an interesting topic to YOU!

- Life on a Cellular Level
- Inheritance and Molecular Genetics
*Biotechnology
- Evolutionary Mechanisms
- Energy in Living Systems
- Interrelationships in the Biosphere
- Patterns Among Organisms

Websites on Science Fair Topics Selection

Topic Selection Wizard

http://sciencebuddies.org/science-fair-projects/recommender_register.php

Projects by Topic

http://sciencebuddies.org/science-fair-projects/project_ideas.shtml?From=body

Microbes

<http://umsl.edu/~microbes/high.htm>

Comprehensive Science Fair Website Links

<http://ipl.org/div/projectguide/gettingstarted.html>

Biology Topics Ideas

<http://school.discoveryeducation.com/sciencefaircentral/Getting-Started/idea-finder.html>

Science Fair Project Ideas

- What factors affect mold growth?
- What effects do certain chemicals have on algae?
- How do planaria react to changes in light, pH, food or temperature changes?
- Do local ants produce formic acid for protection?
- Which grows faster, hair or fur?
- What factors affect how skin heals?
- Are night insects attracted to lamps because of heat or light?
- Do bacteria affect plant growth?
- How does exercise affect body temperature?
- Which is more effective against bacteria, hand sanitizers or soap?
- How do different types of water (distilled, acidic) affect plants?
- How do different colors of light affect plant growth?
- How do phosphates affect aquatic plants?
- How does soil temperature affect seed germination?
- How does soil temperature affect root growth?
- Do vitamins affect plant growth?
- Do plants grow better in water or soil?
- How does magnetism affect the growth of blooms?
- Does light affect how fast food spoils?
- Which pH level is best for the digestion of proteins?
- Which substances are more corrosive to teeth (soda, juice, vinegar?)
- Which characteristic is more influential in attracting bees to a flower- color, smell, flavor?
- Can plant cloning be effectively used by growers?
- Do all plants transpire at the same rate under different sources of light?
- Alcohol as fuel: recycling wastes into energy
- Can earthworms be effective recyclers?
- What is the effect of motor oil on Brine shrimp?
- What area of town has the most air particle pollution?
- How does acid rain affect the structure of Spirogyra?

