

<http://www.all-science-fair-projects.com/>

1. Which bridge design is stronger?
2. Which type of wood burns the fastest?
3. Which wood absorbs the most water?
4. Which household fabric burns the fastest?
5. Which fishing line is the strongest?
6. Which fabric keeps you the warmest?
7. Which household items are best for lubricating metal?
8. What is the most effective angle for windmill blades?
9. Do different gases expand differently when heated?
10. Which materials block radio waves the best and cause the most interference for remote control devices?
11. How do different temperatures affect the voltage, current and power generation of a solar cell?
12. Analyze the different heat retention capabilities of straw, sand, paper, and cloth.
13. Does the number of turns of wire in an electromagnet affect its strength?
14. Does the angle at which the sun's rays fall on a solar cell affect its power?
15. What materials are the best insulators?
16. What color can be seen most clearly through a fog?
17. Does the viscosity of liquids affect the shape of droplets?
18. Does the color of your hair affect its ability to keep your head warm?
19. Does wind increase the rate of evaporation?
20. What fruit contains the most acid?
21. Which brand of cooking sprays work best?
22. Is the burning of trash a viable alternative to land fills?
23. Does the pH level of rainwater vary from place to place?
24. How the frequency at which a cricket chirps can be affected by external factors.
25. Does music affect a child's ability to nap restfully?

<http://www.scifair.org/ideas/index.shtml>

26. Which motor oil withstands heat the best?
27. What affects cell phone reception?
28. The effect of different light on plants (vary intensity, color)
29. The effects of crowding in plant life.
30. Organic fertilizer vs. chemical fertilizers
31. What materials are best for reducing friction?
32. Effectiveness of hygiene products on the inhibition of bacteria.
33. Is snow warmer on top, in the middle, or underneath?
34. Is scooping, straining, or sand a more effective way to remove oil from water.
35. Does temperature affect the way a musical instrument sounds?
36. Is the strength of a magnet affected more by cardboard, glass, or plastic?
37. Does humidity have an affect on the growth of fungi?
38. The effects of waves on sand buildup.
39. Which global warming gas (carbon dioxide, methane, etc.) heats up the fastest?
40. Which household material best limits heat transfer? (what insulation works best)
41. Does the angle of a solar panel affect its power?
42. Do antacids help soil affected by acid rain?
43. What fabric color makes ice cubes melt the fastest?
44. The effect of antibacterial vs. regular soaps on the rate of corrosion of iron nails.
45. What kind of liquids affect the plant growth of wildflowers?

<http://www.scienceproject.com/>

46. What factors affect burning?
47. The effect of temperature, wind, or humidity on evaporation.
48. The effect of sound on plants.
49. Does physical exercise have an affect on learning behavior?
50. Is audio or visual information best remembered?
51. Can household compounds (ex. tea) be used to promote good heath in plants?
52. Effects of cigarette smoke on the growth of plants.
53. What factors affect the rate at which a cricket chirps.
54. Is the material, structure, or strength most important in building dams?
55. What factors affect the refraction of light?
56. Does weather affect sleeping patterns?
57. Does weather affect human emotions?
58. Does temperature have an affect on the solubility of carbon dioxide?

<http://scienceclub.org/scifair.html>

59. Does a bat's weight have an affect on how far the ball will go?
60. Which ear plug is most effective?
61. How does lack of sleep affect behavior?
62. What food makes tadpoles gain the most weight?
63. Do soda, coffee, or vinegar have the greatest affect on plant growth?
64. How does the size of sand particles used to make bricks affect it's strength?
65. Does the type of bread (wheat, homemade...) affect the rate at which it molds?
66. What kind of dog bone treats do dogs prefer?

<http://www.science-fair-projects-online.com/buy-science-fair-projects.htm>

67. Does caffeine, sugar, or ... affect a person's blood pressure more?
68. Which cat litter absorbs the most?
69. Which detergent works the best?
70. Does the diameter of the hose affect the water speed of the siphon?

<http://www.pwcleancouncil.org/scifarpj.htm>

71. Which material decomposes the fastest (cloth, glass, styrofoam, paper, soap,...)
72. Which material is best for soaking up oil (oil spill) - sawdust, cotton, straw, paper)
73. Where in Parsons has the most air pollution? (cover cardboard with Vaseline, place in locations, come back and observe the number of particles in the Vaseline.)
74. What erodes the easiest dirt, grass, sand, gravel.(site explains , see Erosion study)
75. What is the safest material for packaging products?

<http://homeworktips.about.com/library/blscifairideas.htm>

76. Which brand of makeup is most gentle on your face?
77. Which sunscreen will protect you best from the sun?
78. Which healing cream works the best?
79. Which kind of bridge supports the most weight: beam, arch, or suspension.
80. Do different foods affect body temperature?
81. How can you keep doughnuts fresher longer?
82. Do energy drinks have an affect on the growth of plants?
83. Do plants grow better with tap water, distilled water, or spring water?

<http://homeworktips.about.com/library/blscifairideas.htm> (continued)

84. What kind of soil is best for water retention?
85. In which type of soil will grass grow quickest?
86. Can people shoot free throws more effectively with their right eye or left eye shut?
87. What is the effect of stress on the average student's health? or their ability to memorize?
88. Does a full moon have an effect on a child's behavior?
89. Does the type of music (classical, rock, rap) have an effect on the grade you get on a test?
90. Does music have an effect on the rate at which someone puts a puzzle together?
91. Do different types of music have an effect on learning patterns in students?
92. Which bleach cleans a white T-shirt better?
93. Does temperature have an effect on how long a bubble lasts?
94. Which teeth whitening product works the best?
95. Which type of fabric burns the fastest?
96. Which type of material is more fire resistant?

<http://familyeducation.com/what-works/item/nogroup-index/0%2C3002%2C1-12297%2C00.html>

97. Do certain liquids cause metals to rust faster?
98. Effects of soil, compost, and dirt on plant growth.

<http://www.rossarts.org/naples/ideas.htm>

99. Will vitamins affect the growth of a plant?
100. Do weed killers affect house plants?
101. What can be done to increase the decomposing rate of plants?
102. What is the effect of fats, carbohydrates, and cholesterol on plants?
103. Which grows faster, body hair or scalp hair?
104. Which grows faster, hair that has been shaved or hair that has not been shaved?
105. Which type of paint prevents more rust?
106. Which holds two boards together better nail, screw, or glue?
107. Which detergent breaks up oil the best?

<http://www.selah.wednet.edu/LINKS/SciProjects.html>

108. Determine which aerodynamic wing design created the least amount of drag.
109. Which brand of furnace filter was most effective at straining particles from the air.
110. The effect of gatorade vs. water on pulse rates of athletes while exercising?
111. The effect of colored versus white paper on math scores.
112. The effect of music on 7th graders recall of memorized shapes.
113. Comparing hand-eye coordination of 3rd graders, 7th graders, and adults.
114. Tensile strength and water vapor transmission of plastic food bags.
115. The effect of fabric type on ignition time and burning rate.
116. Comparison of pH levels of municipal drinking water vs. domestic well water.
117. Which species of wood will produce the most thermal energy when combusted?
118. Effect of arrow tip mass on penetration into a cardboard target.
119. Which angle of pitch will produce the greatest amount of electricity on a windmill?
120. The effect of pretest exercises on math test scores.
121. The effect of different shapes on aerodynamic drag.
122. Is the more expensive cotton cloth more durable?
123. The dissolution rate of different brands of ibuprofen.

<http://www.selah.wednet.edu/LINKS/SciProjects.html> (cont)

124. The effect of an electric toothbrush versus manual toothbrush on the removal of denture stains.
125. Which type of paper will decompose the fastest?
126. What is the effect of various beverages on the loss of tooth enamel?
127. The effect of music tempo on the heart rate of 7th grade girls.
128. The dissolution time of decongestants in water and stomach acid.
129. How does water temperature affect the cleaning ability of a detergent?
130. The effect of structural height on building stability.
131. What type of bridge supports more weight in an earthquake?(beam, cable stayed, and suspension bridges)
132. What is the effect of automotive toxins on germination rates?
133. What kind of trash, when burned creates the most heat? (office paper, cardboard, pizza)
134. Professional Dry cleaning vs. in home dry cleaning.
135. What brand of band-aid has the most adhesive stick?
136. Does flow rate affect water quality parameters?
137. Dry cleaning vs. wet cleaning.
138. The effect of shampoos on the tensile strength of hair.
139. What materials work best in a sandbag for blocking floodwaters.
140. Which material is best for hot hair balloons: Nylon or polyester?
141. To which flavor are ants most attracted?
142. The abilities of selected materials to shield x-rays.
143. The effects of sound barrier design on highway noise attenuation.
144. The effect of damping on a shock absorber.
145. Which nail can resist the most force.
146. How fabric spray affects the flammability of cotton fabrics
147. What is the effect of music vs. the silance of sleeping childcare children?
148. What is the effect of chlorine concentrations on filter performance.
149. What is the effect of various pollutants on aquatic pond life.
150. Effectiveness of various decomposers on the nutrient levels of yard waste.
151. Which type of ocean wave energy converter produces the most power?
152. Does the depth of a well affect the nitrate content in the water?
153. Do different box materials affect the bass produced by a speaker?
154. Whic brand of fireplace pellets burn the longest and produce the most heat?
155. Which type of erosion control product works better in a furrow irrigation system?
156. Does the temperature of water affect the width of the Tornado's eye?

*Last year's projects.*

157. The effect of gatorade, powerade, and water on the pulse rates of athletes while exercising.
158. What product increases hair growth best on animals?
159. What type of metal will rust the fastest?
160. Does music affect a child's ability to sleep at night?
161. Where in Parsons has the most air pollution?
162. Which brand of plastic wrap will hold the most weight?
163. Which type of paper decomposes the fastest?
164. Which wood absorbs the most water?
165. Does the pH level of the acid in our stomachs affect the digestion of proteins?
166. What color can be seen most clearly through fog?
167. Which liquid retains heat the best?
168. Which type of wood burns the fastest?
169. Which type of firewood heats your house the best?

170. What household item will extinguish a fire the fastest?
171. Does the lack of water you drink have an affect on how you think and behave?
172. What brand of paint protects metal best against rust?
173. Which type of toliet paper is more absorbant?
174. Which food causes the most gas?
175. Oil pollution - which is the best way to remove oil from water?
176. Which materials absorb the most water?
177. Dehydration? - Which fruits contain the most water? - *Not completed at last year's science fair!*
178. What materials work best in a sandbag for blocking flood waters?
179. What type of paper burns faster?
180. Which fruit contains the most acid?
181. What type of trash when burned creates the most heat?
182. Which type of fabric burns the fastest?

<http://www.virtualsciencefair.com/Display2003/PublicDisplay2005.asp>

183. Which seatbelt is the strongest?
184. The effects of energy drinks on the human body?
185. Which exercise most effectively lowers heart rate?
186. Does the amount of sleep you receive effect your memory and ability to learn?
187. Which material is most effective for building a catapult?
188. Does an object's mass, thrown by a catapult, affect's it's distance?
189. Our disc brakes or V brakes most effective at stopping on ice?
190. Does rain, chlorined rain, or salt water stimulate the growth of plants the best?
191. Does the temperature of water fed to plants affect the growth of the plants?
192. Land slides. Which type of rock slides the easiest?
193. Which filter is most effective at filtering polluted water?
194. Does weight affect self-esteem?
195. Which type of light produces the most heat?
196. Do caffeine and exercise effect blood pressure?
197. Which materials create the most static?
198. Which method for reducing friction requires the least amount of energy? - *not on site.*
199. Which strategy decreases the amount of bullying in a school?
200. Does daily calorie intake affect athletic or school performance?
201. Does overcrowding affect the growth of plants?
202. Which color of fabric can melt an ice cube the fastest?

<http://www.newsroom.ucr.edu/cgi-bin/display.cgi?id=1027>

203. the effects of polluted waters on plants.
204. The effects of antenna modification on wi-fi signal amplification.

<http://youth.net/nsrc/sci/sci.index.html>

205. Do oil and antifreeze pollutants affect the ability of water to percolate through soil?
206. Does the time of day plants are watered have an affect on the growth of the plants?
207. Does the age of a person have an affect on their heart rate after exercising?
208. What is the effect of human voice on plant growth?
209. What conditions affect the rate of decomposition?
210. Which factor contributes most to a fruit ripening?
211. What materials make the best parachute?
212. the effect of age on reflexes.
213. Parachute construction and float time.

214. How animals react to human food.
215. Comparison of the burning rate of hair and paper.
216. The freezing rates of different liquids.
217. Does age affect vision in school-age children?
218. Liquid absorption of different fabrics.
219. The effect of temperature on carbonation.
220. What is the effect of magnetism on the growth of plants?
221. Does temperature affect electrical conductivity?
222. Which method of teeth whitening is most effective.
223. Breaking distances of cars on different road surfaces.
224. Does acid rain affect the rate of photosynthesis of aquatic plants?
225. The effect of different chemicals on cut flowers.
226. The problems of academically gifted students.
227. The effects of different amounts of air on the germination of seeds.
228. Does the moon affect behavior at school?
229. The effect of weight on the ability to excel in sports.
230. The insulating capabilities of different fabrics?
231. The pH level of bodies of water near my house.
232. Which plant food is best?
233. Which method of catching flies is most effective?
234. Does the color of water have an affect on the color of the flower?
235. The effect of age on short term memory.
236. The effect of gender identity on short term memory.
237. Does the pH level in Lakes, Rivers and Streams change from week to week?
238. The effects of chlorination on Algae.
239. The effects of saltwater intrusion on freshwater plants.
240. The effect of pollutants on plant growth.
241. Does heat affect the viscosity of liquids?
241. Does temperature affect the pH level of liquids?
242. Which liquid evaporates the fastest?
243. Which substance melts ice the fastest?
244. The effect of different soil types on where night crawlers choose to live?
245. Does the fat content of milk affect the rate at which it spoils?
246. Gender equity in school textbooks.
247. Racial equity in school textbooks.
248. Does learning mode affect memory?
249. The effects of sugar and caffeine on typing speed and accuracy.
250. The influence of aspirin consumption on physical activity.
251. Does the way you study influence the amount of information retained?
252. The influence of warming up on physical performance. - vol.6 #8
253. Does the type of fabric have an affect on the amount of light energy absorbed?
254. Does the type of soil determine the growth of the roots of a plant?
255. Which food decomposes the fastest?
256. Does the location fruit is stored determine the time it takes to brown?
257. What wrapping keeps things colder? vol.7 #3
258. Does the materials used to make concrete affect the strength of the concrete?
259. Which liquid keeps cut flowers alive longest?
260. Will drinking different fluids affect the way you retain knowledge?
261. Which cookie sheet bakes cookies fastest: Brick, aluminium, or stainless steel?
262. Does the time of day a plant is exposed to sunlight affect the growth of the plant?
263. Does the amount of sleep you receive affect the speed and accuracy at which you type?
264. Does a person's age affect their blood pressure increases while testing?
265. The effect of temperature on the flight of golf balls.

- 266. Does weather have an affect on a cell phone signal?
- 267. Do different tree barks have different burning rates?
- 268. Does the age of a brick determine it's strength?
- 269. Road salt on highways and roads affect on plant growth.

<http://www.usask.ca/cwsf/divisional.html>

- 270. Which type of rocks are most affected by acid rain?
- 271. Does organic material have an affect on water retention?