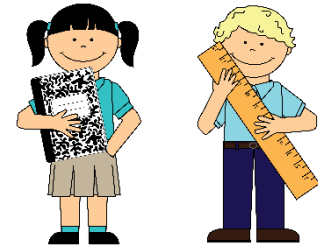


100 Science Fair Project Ideas



1. How does changing the type of paper affect the flight of an airplane?
2. In what way do various types of music affect your respiration?
3. Will your drink stay colder longer in a can or a bottle?
4. How is the pitch of “water glass music” affected by using liquids other than water?
5. How does your sense of sight affect your ability to tell what your are drinking?
6. How does the brand of soap affect how long the bubbles last?
7. How is the absorbency of paper towels affected by their cost? Color?
8. How is the volume of popcorn affected b the brand of popcorn used? The method of popping? The temperature of the popcorn?
9. How does the temperature of a spilled liquid affect how much is absorbed by a paper towel?
10. Which brand of bandages sticks best under water?
11. How does changing the height of a ramp affect the distance a ball will roll? The speed a ball rolls?
12. Are triple-sized cotton balls three times as absorbent as regular cotton balls?
13. How does the thickness of a rubber band affect its strength?
14. What material makes the best ice cube keeper?
15. How does the size of a lemon affect the amount of juice it produces?
16. How does temperature affect the ripening time of bananas?
17. How is the internal temperature of your tennis shoe affected by the color of its exterior?
18. How does the use of hair conditioner affect the way your hair reacts to static electricity?

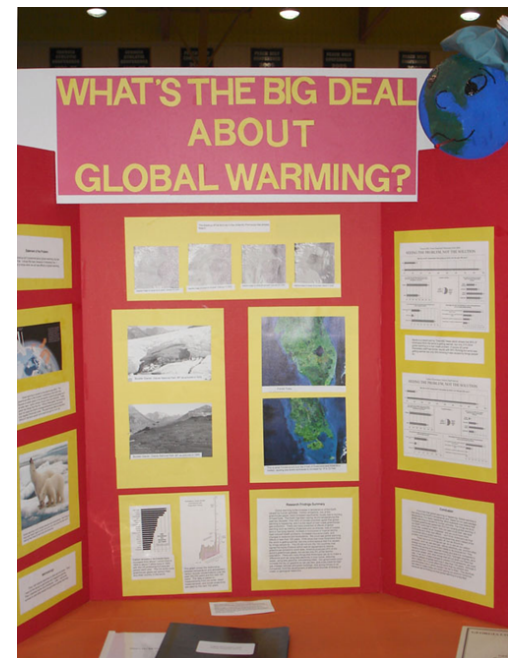
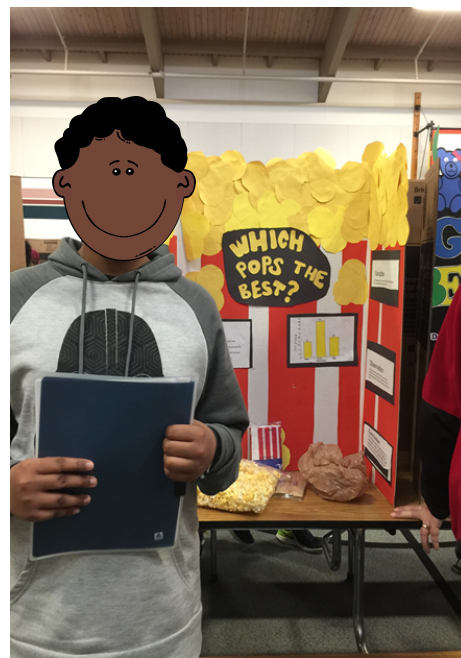
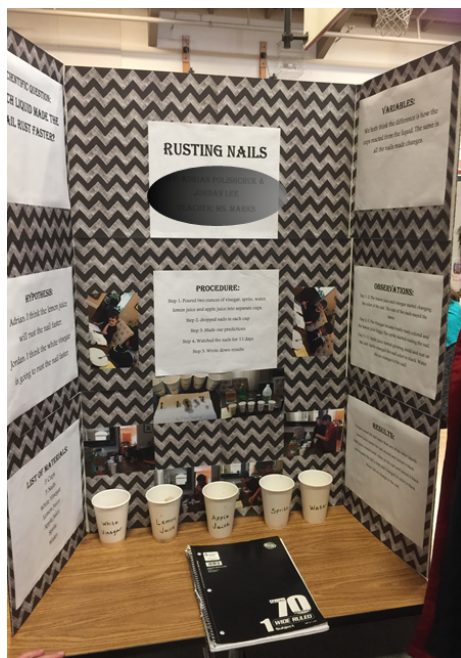
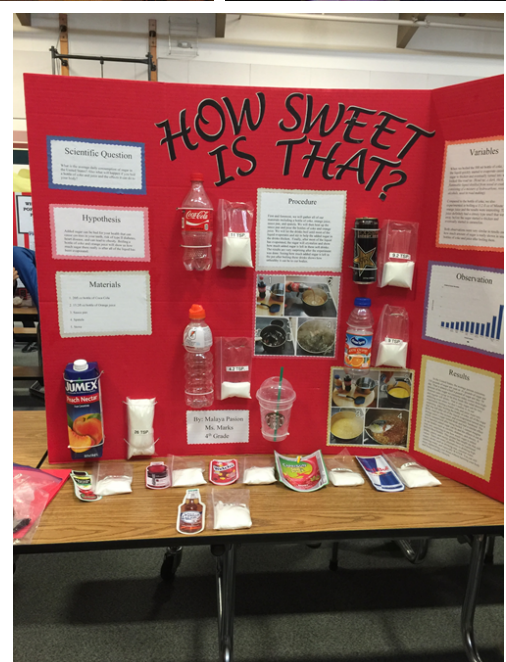
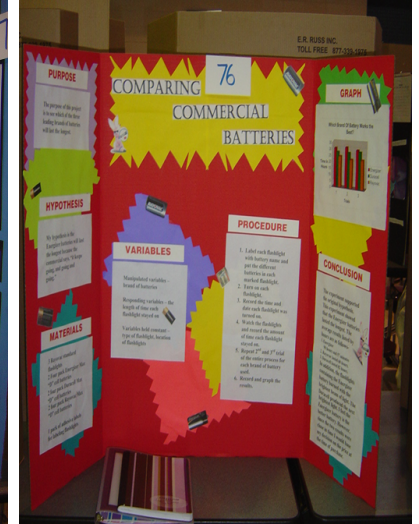
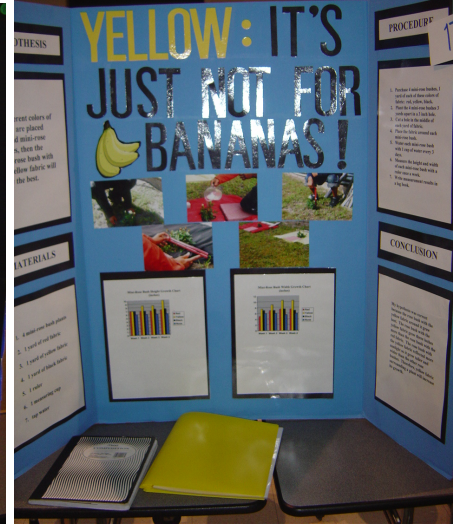
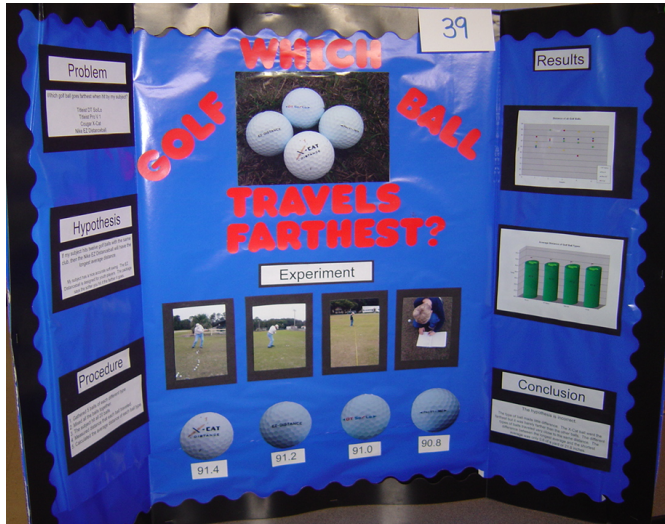
Project Ideas...continued

19. Which bag supports the most weight, paper or plastic?
20. What effect does temperature have on rubber band strength?
21. How does the beginning temperature of water affect the time it takes to freeze?
22. How does double-bagging affect the amount of weight a bag will hold?
23. What liquids will dissolve an Alka-Seltzer tablet fastest?
24. What type of disposable cups maintain the temperature of a liquid longer?
25. What are Styrofoam cups best suited for: keeping hot liquids hot, or keeping cold liquids cold?
26. How does wheel size affect the speed of a skateboard ride?
27. How does the distribution of weight affect the distance or speed a skateboard travels?
28. Do mealworms prefer rough or smooth surfaces?
29. Do mealworms prefer wet or dry surfaces?
30. What plowing patterns prevent erosion best?
31. How is the viscosity of cooking oil affected by changing its temperature?
32. Which ketchup is the slowest to pour?
33. How is the strength of an electromagnet affected by the size of the battery used?
34. How is the strength of an electromagnet affected by the number of coils?
35. Which fertilizer makes your grass greenest?
36. How does the outside color affect the inside temperature of a closed container?
37. Which color roof stays coolest?
38. What materials absorb the most solar energy? (sand, water, or oil)
39. What breakfast cereal absorbs the most milk? (sugared or not)

Project Ideas...continued

40. How is the falling time of a parachute affected by the size of the parachute itself?
41. Which colors show up best at night?
42. Which colors can be seen from the greatest distance?
43. How does the method of cooking (frying, broiling) affect the weight of a hamburger patty?
44. Which fragrances attract the most insects?
45. What color attracts the most insects?
46. What fresh fruits are flies attracted to most?
47. How does temperature affect the rate of cricket chirping?
48. Which exercise affects your pulse rate the most?
49. Who has the greatest lung capacity: smokers or non-smokers, athletes or non-athletes, adults or children, boys or girls?
50. Which brand of disposable diaper is most absorbent?
51. Which fabrics absorb dye best?
52. How does the boiling time of water change when salt is added to it?
53. What is the relationship between temperature and rising time of yeast dough?
54. Which melts slowest: ice cream, ice milk, or sherbet?
55. What colors do babies respond to most often?
56. How does the length of wire in a circuit affect the brightness of the light?
57. Which paper plates will hold more weight without buckling? (coated vs. non-coated, flat vs. fluted)
58. Which type of wood leaves the most ash after burning?
59. How does exposure to changing temperature affect the weight of an inflated balloon?
60. Which will produce the most juice, California or Florida oranges?

Example Photos of Science Fair Projects



Project Ideas...continued

61. Which fabric absorbs moisture the fastest?
62. How do fabrics differ in their ability to provide warmth?
63. How does changing the type of paper affect the drying time of paint?
64. What is the best way to keep flowers fresh the longest?
65. Which paper towel brand is the strongest?
66. Which dog food do dogs prefer best?
67. How much weight can the surface tension of water hold?
68. Does the color of hair affect how much static electricity it can carry? (test with balloons)
69. Which brands of bubble gum produce the largest bubbles?
70. Do white candles burn faster than colored candles?
71. What affect does the type of sugar used have on crystal growth?
72. What metal is most affected by salt water?
73. How does smell affect taste?
74. How does color influence taste?
75. How effective are automobile sunshades?
76. What is the effect of different types of soda on teeth? (test with calcium tablets)
77. Which brands of colored markers last the longest?
78. Does a double roll or triple roll of toilet paper actually have 2-3 times more paper?
79. What affects the speed of ice melting the most? (hot water, cold water, sugar, salt, steam)
80. Do golf balls that cost more go farther?
81. How does color affect recall?

Project Ideas...continued

82. Does noise affect coordination?
83. How does screen color and text color affect retention?
84. Is sensitivity heightened on your dominant side?
85. Which works best at killing germs: soap and water or hand sanitizer?
86. Which cleaner works best on grease?
87. Which cleaner works best to kill germs?
88. Does bread mold grow faster on wet bread or dry bread?
89. How can you keep ice from melting for a longer time?
90. Does playing video games increase an individual's heart rate?
91. What is the effect of music on plant growth?
92. What packing materials are better for food preservation?
93. Which brands of popcorn pops best?
94. Does the amount of light affect the speed that food spoils?
95. What is the fastest way to cool a room temperature can of soda? (bucket of ice, ice water, or freezer)
96. What brand of glue holds best?
97. Does consuming caffeine affect typing speed?
98. Does the type of font affect memory?
99. Snow, Ice or Salt water - which among the three melt faster and why?
100. What is the best laundry detergent for removing stains such as grease, oil, clay, grass, grape juice, chocolate?

