

Choosing a Science Fair Topic

- When choosing a topic please keep in mind that you must follow the steps of the Scientific Method.
- Choose a topic that interests you and that you can easily obtain the materials for.
- All topics must be approved by your teacher.

Science Fair Topic Ideas

1. Will chilling an onion before cutting it keep you from crying?
2. What type of plastic wrap prevents evaporation the best?
3. What percentage of an orange is water?
4. Do white candles burn at a different rate than colored candles?
5. Does the presence of detergent in water affect plant growth?
6. How does the shape of an ice cube affect how quickly it melts?
7. Do different brands of popcorn leave different amounts of unpopped kernels?
8. Which brand of popcorn pops the fastest?
9. How do differences in surfaces affect the adhesion of tape?
10. If you shake up different kinds or brands of soft drinks (e.g., carbonated), will they all spew the same amount?
11. Are all potato chips equally greasy?
12. Can you use a household water filter to remove flavor or color from other liquids?
13. Does the power of a microwave affect how well it makes popcorn?
14. Do all brands of diapers absorb the same amount of liquid? Does it matter what the liquid is (water as opposed to juice)?
15. Do all dishwashing detergents produce the same amount of bubbles? Clean the same number of dishes?
16. How permanent are permanent markers? What solvents (e.g., water, alcohol, vinegar, detergent solution) will remove the ink? Do different brands/types of markers produce the same results?
17. Do all hairsprays hold equally well? Equally long? Does type of hair affect the results?
18. Does the species of wood affect the rate at which it burns? Its heat output?
19. Does the mass or length of a baseball bat relate to the distance the baseball travels?
20. Does water with salt boil faster than plain water?
21. Does an ice cube melt faster in air or water?

22. Will more air inside a basketball make it bounce higher?
23. Does baking soda lower the temperature of water?
24. Does the color of light affect plant growth?
25. Does the color of water affect its rate of evaporation?
26. How does omitting an ingredient affect the taste of a cookie?
27. Do suction cups stick equally to different surfaces?
28. Which type of cheese grows mold the fastest?
29. Do all colors fade at the same rate?
30. Which kind of cleaner removes ink stains the best?
31. Which brand of soap makes the most suds?
32. Does a baseball go farther when hit by a wood or metal bat?
33. What gets warmer – sand or dirt?
34. Which kind of glue holds two boards together better?
35. How do magnets work? How are they made? What makes a good magnet?
36. What are the effects of detergent on water?
37. Which brand of paper towel stays the strongest when wet?
38. What mixtures will a filter separate?
39. What is the best way to keep steel from rusting?
40. What types of surfaces provide the least amount of friction?
41. Which material insulates the best against cold?
42. How fast do different fabrics burn?
43. Which soap is the best for getting rid of ketchup stains?
44. Can people identify different kinds of Kool-Aid by taste alone?
45. What affects the rate of baking soda and vinegar reaction?
46. Do plants grow faster if you talk or sing to them on a regular basis?
47. What is the fastest way to get food to rot or grow mold?
48. Do preservatives in manufactured foods really work? Try to find ways to get Twinkies™ to rot.
49. Does sugar prolong the life of cut flowers?
50. What household waste materials might be used to filter water?

