

Sample Science Project Ideas

Remember: The project must be an experiment, not a model. The results must be measurable, and all measurements must be metric. Avoid ideas with "best" in title. You can't measure "best."

1. What distance from the launch pad should a model propeller be to compress the right amount of air to lift the propeller from the launch pad?
2. Which battery gives an electromagnet the most power?
3. Does the length of a rubber band give it more strength to overcome the force of gravity?
4. Will doubling an object's mass double its push power?
5. Does the height at which a ball is dropped cause it to bounce higher?
6. Which type of ball has the most stored energy when dropped from 1 meter in height?
7. Which kind of vitamin C disappears over time the fastest?
8. Which additive will allow a cut plant to survive the longest?
9. Which type of insulation will help a hot/cold liquid retain its heat/cold the longest?
10. Which location has the most contaminants in its water?
11. How do different types of music help reading comprehension?
12. What paper towel will hold the most liquid?
13. Which paper towel is strongest when wet?
14. Which fruit has the most vitamin C?
15. Which sunscreen protects the best [hard to measure]?
16. At what temperature does glue hold longest?
17. Does temperature of a battery affect the voltage of batteries?
18. Which makeup remover removes the most makeup (fastest?)[hard to measure]?
19. Which brand of diaper holds the most water?
20. Is rainwater absorbed at the same rate by different soils?
21. Does a heavier pendulum swing faster?
22. Which metal conducts heat the fastest/longest?
23. Which brand of glue holds boards together the longest?
24. What melts ice faster: water, air, salt?
25. Which trash bag is the strongest?
26. Which type of sunglasses block the most light?
27. Do bigger seeds produce bigger plants?
28. Which fertilizer helps plants grow tallest?
29. What depth is best to plant a seed to help it grow the tallest?
30. What type of soil is best to grow plants?
31. What color light helps a plant grow tallest?
32. Does artificial light or natural light help a plant grow the tallest/fastest?
33. Does the amount of air in a basketball make it bounce higher?
34. Which brand of popcorn pops the most kernels?
35. Which type of balsa wood structure/column holds the most weight?
36. Where does bread mold the quickest?

37. Which type of bread molds the quickest?
38. Which brand of mouthwash kills the most bacteria?
39. Does velocity affect the size and shape of a lunar crater?
40. Does quick rise yeast really rise faster?
41. Which accelerator works faster for yeast- sugar, honey, Equal, Sweet n low, or Splenda?
42. Do different amounts of sugar help yeast rise faster or higher?
43. Which brand of battery lasts the longest
44. How many times should you wind an airplane to make it go farther/fastest?
45. What keeps a cut flower alive the longest?
46. Which type of packaging stops an egg from breaking most often?
47. Which hair gel keeps hair stiffest the longest?
48. Which kind of soap prevents bacteria from growing the fastest/most?
49. Which location has the safest water when using a water testing kit?
50. Where do I put a weight to make my pinewood derby car faster?