

Vienna Elementary

Science Fair Project Ideas

Grades 4-6

Making pH indicators from plant materials
Comparisons of pH in shampoos, soils
Sugar content of foods
Water content of foods
Boiling/freezing point of liquids
Comparison of taste receptors on the tongue
Diffusion
Osmosis
Measuring surface tension
How color affects heat absorption
Solar heating devices
Comparison of insulations
Temperature variations through a house
Building a camera
Making paper
Aerodynamics
Testing soil porosity
Erosion
Weather phenomena
How birds fly
Pendulums
Static electricity
Plant growth comparisons
Plant propagation from leaves, stems, roots
Testing for nutrients
Earth science phenomena: volcanoes, earthquakes, tidal waves
Workings of electronic devices
Rocks and how they were formed
The senses: touch, taste, sight, hearing, smell
The biology of speech and sound