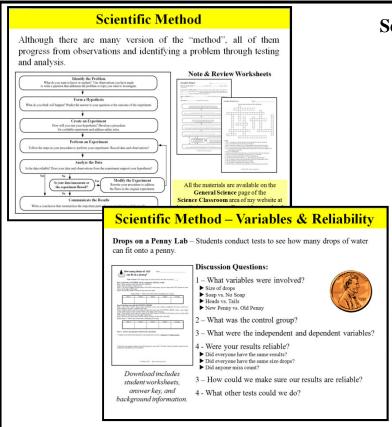


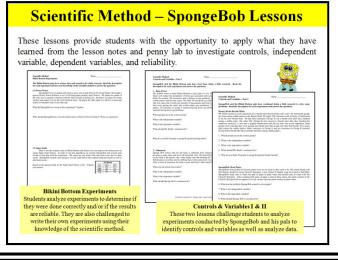
K8 Update Western IL University Friday, April 24, 2009

Presented by Tracy Trimpe Website: http://sciencespot.net E-mail: ttrimpe@sciencespot.net

Visit the General Science page of the Science Classroom at http://sciencespot.net/ to find all these materials!



Section 1: Scientific Method Basics



Other ideas ... Consumer's Challenge Paper Airplanes Problem-Based Learning

Old Wives' Tales Mythbusters

Section 2: Independent Investigations

Section 3: Safety Rules

Safety Rules

Science Safety Rules

Students read the story and identify 18 incidents in which the safety rules were not followed.



Visit the Science Teaching Ideas website at http://miksciteachingideas.com/safety.html for several great ideas for teaching lab safety!

Section 4: Science Starters

Science Starters

Several Science Starters are available for use with the Scientific Method unit.



Topics: A. B. C. D. E. E. G. H. I. J.-K. L. M. N. O. P. Q. R. S. T. U.-W. X.-Z.
Other Scrambles: Year of Science (This is the first starter I do each year.)

ame the Ologist - These starters relate to the various types of scientists and are used during the Super Sc

Science Equipment - For the first two starters, students are challenged to identify common lab equipment. The other starters involve id parts of a microscope, questions about the functions of microscope parts, powers of magnification, and pond water samples.

suce Experiments - These challenges review the scientific method. For challenges 1 & 2, students answer questions related to controls and folies about an experiment.

Science Starters Main Page: http://sciencespot.net/Pages/starters.html

Section 5: Online Resources

Online Resources

Visit the General Science area of the Science Classroom for other great lessons.



Discovery Days - Students develop experiments for elementary students and then invite them spend an afternoon investigating science topics.

Mystery Bags & Film Canister Fun -Students are challenged to identify items hidden in brown paper sacks or film canisters.

Silly Science - Use this lesson to introduce dichotomous keys. Students sort various items to learn their not-soscientific names.



Bioglyphs - I use this lesson at the start of the year and tie it into classification. Students use a code to create their glyph and other students are challenged to identify each one using only yes/no questions.

