

Table of Contents

Dedication	3
Reproduction Rights	4
Table of Contents	5
Published Research	8
Lab Safety	10
Scientific Method Overview	12
Our Educational Philosophy (sic)	
Your Deliberate Idiot Privledge	13
Socratic Thought & Education	14
Are You Guys Comedians or Scientists?	15
Material Suppliers	16
The Activities	
5 Senses	
Taste	
Sweet, Sour, Salty, or Bitter	18
To Taste or Not To Taste	20
Touch	
Uniquely Yours	22
Nerve Density Locator	25
Texture Boxes	28
Elephant Snot	30
Smell	
The Nose Knows	32
Smelly Play Dough	35
Cinnamon Heart	36
Rotten Egg Gas	38
Hearing	
Matching Sounds	40
Sound Baggies	43
The Portable Electric Fly	46
Sight	
Color Mixing Tubes	48
Slow Motion Rainbow	50
Jerry Garcias Milkshake	52
Optical Illusion Bank	54

Table of Contents

Air	
Persnickety Stopper	56
Expectorating Bottle	58
Double Loop Flyer	60
Water	
Jumping Paper	62
Stacking Water	64
Centering a cork	66
One-way Cheesecloth	68
Scared Pepper	70
Paper Boat Race	72
Intro to Matter	
Sewer Maggots	74
Salt Sensitive Larve	76
Mini Lava Lamp	78
Eggsasperating Puzzled	80
Ironing Out Sand	82
Chem - Solid, Liquid, Gas	
Ice Cube Roundup	84
Thyxophyllic Goo	86
Pseudo Silly Putty	88
Baking Soda Cannons	90
The Thirsty Cup	92
Magnets	
Impromptu Magnets	93
What is Magnetic?	96
3-D Magnetic Fields	100
Magnet Strength	102
What's the Buzz?	104

Sound	
Desktop Vibrations	106
Chicken in a Cup	108
Ring Around the Rim	110
Portable Space Cannons	112
Rocks, Fossils, & Minerals	
Foam Volcanos	114
Mrs. Stewarts BBQ Crystal Garden	116
Weather	
Cloud ID	118
Homemade Rain Guage	120
The Water Cycle	122
Seasons	
Artifical Snow (Winter)	123
UV Beads (Summer)	124
Animals	
Packing Peanut Insects	126
Plants	
Hitchhiking Seeds	128
Maple Seed Flyer	130
Helicopter Seeds	131
Science Skills	
Liquid Crystal Thermometers (Measuring Tempertaure)	133
Slimetime-Pipettes (Measuring Volume)	135