



High Touch-High Tech®

Science Experiences That Come To You

Elementary Brochure Blubs - NGSS

Program Name	Brochure Blurb
Beauty & the Yeast©	Discover what a really FUN Guy FUNGI really is! Step back in time to the days of Louis Pasteur. Learn about germs, mold, yeast, and more. Discover a whole world you cannot see. See all the cool little critters that grow on you! PS3.D, LS1.C
Bonkers for Blood©	Discover your blood type! Journey through the blood brain barrier; make your own blood, and much more! PS3.D, LS1.C
Brain Games©	Discover how cool the brain really is! Find out why the brain is the boss. Investigate senses, reflexes and much more. Have FUN as we learn about the brain, touch sheep brains and learn why the brain is so groovy! PS3.D, LS1.C
Chemfun©	Find out how much fun chemistry can be! Explore chromatography as you watch colors separate before your eyes. Make your own silly putty as we learn REAL chemistry. PS1.A & PS1.B
Chemistry Sensations©	Whose turn is it to set the table, the Periodic Table that is! Explore the world of chemical elements. Learn about atoms and why they want to be happy in their cozy little orbital shell. Discover what it takes to really bond, and draw your own molecules in shaving cream! PS1.A & PS1.B & PS3.D
Cosmic Capers©	Travel through space as we explore our solar system. Discover how cool the sun really is. Do a Lunar Long Jump and try a human gyroscope. Learn about our planets, the moon, eclipses and much more. Launch a real rocket! ESS1.A & ESS1.B
Dig It©	Step into the world of Geology. Learn about gems, rocks, and minerals and where they come from. Uncover the mysteries of rock formation and crystalline structure. Pan for real gems and keep what you find. Perform acid tests and more as we classify our gems. Find out why these gems are so precious. ESS2.A, ESS1.C, ESS2.A & ESS2.C
Down Deep©	Explore our amazing underwater world. Learn about



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	<p>plankton, and why almost all ocean life depends on them. Discover how marine mammals stay warm. Touch the inside of real squid and paint with their ink. Discover the midnight zone and Bioluminescence. LS1.A, LS1.B, LS1.D, LS2.A & LS4.C</p>
Earthworks©	<p>Discover our planet's wonderful resources. Explore the sky as we have FUN with solar power. Journey through our nourishing soil and the worms that make it their home. Touch a cloud as we cover the water cycle. ESS2.A, ESS1.C, ESS2.A & ESS2.C</p>
Edison's Workshop©	<p>Explore the amazing world of electricity. Learn what's "current" as you build circuits and much more! Try a Van der Graff generator! Get all the Hair-Raising facts about static electricity! PS4.B, PS4.A, PS3.C, PS3.A & PS3.B</p>
Extreme Scene©	<p>Journey through the earth's extreme environments. Have fun as we learn about deserts and see how animals and plants adapt to these harsh climates. Explore the amazing survival of the cactus. Learn about arctic biomes and how animals stay warm. Make things glow with Bioluminescence. LS1.A, LS1.B, LS1.D, LS2.A, LS3.B & LS4.D</p>
Eye Eye Captain©	<p>Discover our incredible sense of sight. Explore the properties of vision and perception. Learn about near sighted, far sighted, and astigmatism. See it all for yourself! LS1.B, LS1.A, LS1.D, LS2.A, LS1.C & LS2.B</p>
Finally Fun Machines©	<p>Finally, a hands-on and FUN program on machines. Make your very own screw out of a carrot. Meet The Facilitator, our cool multi-personality compound machine, and engage in pulley power, wedge wonders, and incline plane antics. Discover the balance in your life as we make our very own levels to take home. ETS1.A, ETS1.B & ETS1.C, PS2.A, PS2.B, PS3.C & PS3.A</p>
Fission, Fusion, No-conFusion©	<p>Discover the difference between fission and fusion. Explore the many ways these powerful energies are sustainable. Have fun as we discover a chain reaction, create your own molecular fusion and fission reactions. Get energized as we work with lasers and photons. PS1.C, PS2.B, PS2.C, PS3.A & PS3.B</p>



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Forensic Fun©	Solve the crime by lunch time! Become a CSI technician as we discover a mystery powder, teeth impressions, lip prints, dust for fingerprints and much more. LS1.A & LS1.C.
Fossil Fuels©	Times have changed, and we must change. Have FUN as we discover the many energy alternatives. Learn about biofuels and the many uses of corn. Discover fermentation, and make a color explosion! ESS3.A, ESS3.C & ESS3.D
'Fun'omena©	Get the facts...on those natural acts! Earthquakes, hurricanes, tornadoes, and volcanoes. Learn about our changing conditions which cause these phenomena. Have FUN as we make them happen in your classroom. ESS2.B, ESS1.C, ESS2.A
Get Buggy©	Discover the incredible world of bugs. Find out all the cool and creepy things bugs do. See through the eyes of bugs. Explore the many ways bugs help our world. Experience the life cycle of a meal worm. LS1.A, LS1.B, LS2.A
Get Off My Back©	Discover why it's cool to be a vertebrate! Stay connected as we work with skeletons to see which bones are connected. Learn what bones are made of and test calcium. PS3.D, LS1.C
Global Fever©	Discover the effects of global warming. Have fun as we explore clean and renewable energy. ESS3.A, ESS3.C, ESS3.D, ESS3.E
Globs, Goo & Guts©	Roll up your sleeves and make all kinds of icky sticky stuff! Have a hands-on look at real cow guts! Learn the systems of the body, and find out what makes us tick! PS3.D, LS1.C
Go Girl©	Join us as we honor the contributions of women in science. PS1.A, PS1.B, PS1.C & EST1. A-C
Homemade Fun©	Explore the world of shelters. Discover the many different types of shelters. Build your very own igloo. Learn about caves as we make our very own limestone cave experiment. Have FUN as you make your very own stalagmites. LS1.A, LS1.B, LS1.D
iCool©	Learn about mechanical and electrical engineering. Build prototypes and design a mechanical grabber, bug bots, and hover crafts. LS2.A & LS2.B & EST1.A-C



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Indicator II pH Day©	Find out what an indicator is to chemists. Discover the pH scale; learn about acids and bases, using common substances. Make your own slime and find out what happens when you mix certain chemicals together. PS1.A, PS1.B, PS3.D
Insectology©	Discover the incredible world of bugs. Find out all the cool and creepy things bugs do. See through the eyes of bugs. Explore the many ways bugs help our world. Experience a complete and incomplete metamorphosis. LS4.C, LS1.B, LS2.D LS1.A & LS2.C
Jurassic Jr.©	Step back in time to the age of the dinosaurs. Become a paleontologist and discover real fossils. Uncover the mysteries of the dinosaurs. Make your very own fossil. ESS1.C & ESS2.B
Let's Make Sense©	Have FUN as we make sense out of our senses. Explore our 5 senses, 1 sense at a time. Discover how much we rely on our senses. LS1.A & LS1.B
Magnet Makers©	Discover the properties of magnetism. Have FUN as we uncover all the "attractive" facts. Make your very own compass and much more! PS2.A, PS2.B
Mammals©	Discover all the cool characteristics of mammals. Learn about the adaptations of mammals that allow them to live in different environments. Experiment with fur/hair, blubber, calcium and more.. Learn about flying mammals and marsupials. LS1.A, LS1.B, LS1.D, LS2.A, LS3.B & LS4.D
Matter Matters©	Discover all states of matter. Explore evaporation rates and the cool journey from liquid to gas. Do experiments with chemical and physical changes and make crystals to keep. . PS1.A, PS1.B, PS3.B, PS3.D
Meteorology Madness©	Discover wind chill effect; make heat go up and down! Explore air pressure & storms. Make a cloud from ice and snow that will not melt. ESS2.C & ESS2.A
Newton in a Nutshell©	Step back in time to the days of Newton. Have a hands-on look at inertia and motion. Discover gravity and have FUN as we push, pull, and get the job done! PS2.A, PS2.B, PS3.A, PS3.B & PS3.C
Nutty Nutrients©	Get the essentials as we learn about the food groups. Have FUN as we test for protein, starch and fat. . Experiment with vitamins, learn to make healthy choices and much more! LS1.C, LS1.A & LS1.D



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Our Living Planet©	Discover why the Earth is our living planet. Catch some rays as we discover ultraviolet light, the atmosphere and more. Reach for the sky as we learn all about clouds. Touch a cloud! Get into the swing of things as we learn about the equinox and solstice. Journey through our nourishing soil and the worms that make it their home. ESS2.B, ESS1.C, ESS2.A
Rainforest Safari©	It's all about the rainforest! Build your very own rainforest to keep! Become a tribal shaman and make medicine. LS1.B, LS2.C & LS4.C
Respiration Station©	Learn all about breathing. Learn about your lungs & how they work. Touch real pigs lungs. Discover how we can find out what we breathe out is not what we breathed in....and much more LS1.A, LS1.C & LS2.C
Sea Ya' Later©	Explore our amazing underwater world. Learn about plankton, and why almost all ocean life depends on them. Get the Beef on Coral Reefs! Make your very own reef to keep! LS1.A, LS1.B, LS1. D, LS2.A
Silly Cells©	Discover the amazing world of biology. Experience osmosis, and learn the jobs & parts of plant and animal cells. Become a geneticist, and extract REAL DNA! LS1.A, LS1.C & LS2.C
Smarty Plants©	Discover the amazing world of plants. Learn about photosynthesis and germination. Have a hands-on look at roots, shoots, and transportation inside a plant. Get all the "seedy" facts! LS1.B & LS2.C
Sounds Like Fun©	Learn about the different types of sound. Discover what sounds actually are. Make sound travel through different media. Make an eardrum where salt will dance and water fly. PS4.A & PS4.C
The Body Shop©	Step into the world of the pediatrician's office. Take your weight, height, and temperature. Take a deep breath as we listen to our heartbeat with real stethoscopes. See your own pulse! Discover your reflexes. Put on gloves like surgeons and have a hands-on look at real bones! Explore the world of vaccines as we work with syringes. LS1.A, LS1.B, LS4.D,LS2.A
The Chain Gang©	Join the chain gang... the FOOD chain that is! Explore the five laws of nature that apply to the world's



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	ecosystems. Have fun as we learn about predator/prey relationships, and dissect real owl pellets. ESS2.E, LS1.C, LS2.A, LS3.B, LS1.B, LS2.C, LS4.C, LS4.B
The Green Machine©	Discover renewable and non-renewable resources. Test solar panels and use the sun's energy to take a solar photo. Learn why we do not inherit the earth from our parents, but rather we “borrow it” from our kids. Have FUN as we make a compost in a cup! Explore the 3 R's and make your own paper. LS2.C, ETS1.C & ETS1.B
The Heat is On©	Stay Cool, as this program really heats things up! Have FUN as we uncover the mysteries of the electromagnetic spectrum. Discover how light and heat absorb and reflect, as we encounter heat transfer and heat conduction!
The Inventor's Closet©	Discuss famous inventors and their contributions. Explore the concepts of buoyancy & density. Discover cool chemistry invention and more...
The Power of Light©	Find out just how amazing light is. What is visible light? Discover who ROY G. BIV is and the electromagnetic spectrum. Test optical illusions, lenses and prisms. Do experiments with the Sun's UV energy. PS1.C, PS2.B, PS2.C, PS3.A, PS3.B & PS3.C
The Print Shop©	The fingerprint shop, that is! Learn about your genetically unique fingertip patterns. Discover the world of dermatoglyphics. Learn about what makes you genetically unique and genetically different from everyone else. LS1.A & LS1.C
The Real McCoy©	Join us on a fun filled adventure as we discover several very famous African American scientists. Learn about their incredible contributions to science. Have FUN as we do some real cool experiments while honoring these great scientists. PS1.A, PS1.B, PS1.C & EST1. A-C.
Up, Up & Away©	Learn about aerodynamics and what makes things fly. Learn about lift and drag using balloons. Launch a rocket and calculate altitude. Make a helicopter and discover why what goes up must come down. PS2.A & PS2.B



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Wacky Water Workshop©	Discover how cool water really is. Make water and alcohol have a tug of war with food coloring molecules! Stab a pencil through a plastic bag and not spill a drop! PS1.A & PS1.B
Weather or Not©	Learn about weather as we take an up close and hands-on look at a real tornado. Discover all the amazing properties of air and air pressure. Touch lightning! Make the conditions change as we lift ice cubes with a string. Make snow that will not melt. ESS2.A, ESS2.C, PS3.B, ESS2.D & ESS3.B
What's the Matter©	Find out what really matters. Have FUN as we explore all different types of matter. Discover bubbling potions for yourself, watch air take up space and even have a contest with carbon dioxide! Do experiments with chemical and physical changes and make crystals to keep. PS1.A & PS1.B