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Science Made Fun!

Inspire. Explore. Engage.™

High Touch High Tech Chicagoland Is The Leading Provider Of *In House STEAM Workshops* that are aligned with the Common Core Curriculum and Next Generation Science Standards.

- We are a Traveling Science Education Company based out of the Chicagoland area that has been operating since 1994!
- Our mission is to have all ages young and old be inspired, have a chance to explore, and engage in the wonderful world of STEAM. We aim to do this by providing hands on workshops directly in YOUR Education Centers.
- At the end of the workshops all of our little scientist gets a TAKE HOME EXPERIMENT!
- We provide all our materials and supplies for every workshop presented. No need to worry about chaperons or buses. All you must do is provide the space!

Below is a complete list of the workshops we offer to Early Learning Centers and Pre-Schools:

Baby Animal Games ©	Learn all about the different animal groups and what makes them each unique. Then let's play some games to learn all about, mammals, reptiles, amphibians, fish, insects, and birds.
Bats - Night Fliers ©	Want to learn about the mysterious creatures called bats? Then join us as we discover how they help us in our world. Learn more about how they fly and use echolocation.
Birds of a Feather ©	Want to learn more about Natural Science? Then let's learn more about the nature of Birds and their feathers. Discover the different types of fascinating feathers birds have.
Bubble Blast ©	Have fun doing bubble tricks and playing bubble games. Learn the basics of bubble making and



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	bubble blowing. Create cool bubbles and take home your own bubble blower!
Can You Sense It? ©	Uncover the facts about the amazing science of our senses. We'll learn about all 5 Senses doing hands on science explorations.
Chemistry Capers ©	Have FUN as we make all kinds of chemical reactions. Discover how we can use chemistry to solve mysteries.
Chempop ©	Let us use Chemistry to create a fun Gas. Learn all about how we can make CO ₂ go pop and fizz by doing hands on science experiments.
Chemystery ©	Explore how different chemicals mixed together can create entirely new and different chemicals.
Copycat ©	Learn all about animals that Mimic! Learn how each of these animals Mimic and see if you can tell the difference.
Earthscapades ©	Figure out why we have life on Earth. Discuss the main elements that allow us to have life on Earth. Experiment with these key topics like a real scientist does!
Edible Science ©	Have fun exploring the molecules that make our food. Make Gummy candies and also make some Soda explode!



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EGGSperiments ©	What came first the chicken or the egg? Have fun with us as we do all kinds of different experiments with Eggs.
Energiee & Me ©	This science exploration will teach you all about energy and electricity. Explore a light bulb circuit and an electromagnet circuit.
ExSEEDingly Cool ©	Discover the amazing world of plants. Have fun as we check out all types of amazing seeds. Make seeds travel. Find out what seeds need and take some home to grow.
Fantastic Static ©	Static Electricity is all around us! Learn more about what Benjamin Franklin discovered as we explore the electric world of Static Electricity.
FizzFun ©	Have some FizzFun with us as we create Chemical reactions that will Fizz. Learn all about what Gases are and how they can be created in Science.
Flight If We Might ©	It's a bird, It's a plane, it's.... Science Man! Learn all about how things take flight. Learn about the physics and mechanics behind our aircrafts.
FOAM-tastic ©	Make all kinds of Foam in our Foam-tastic exploration! Students will take home their own Foam they create.
Food for Thought ©	We will learn about all different types of food. What foods may be good and what foods may be



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	bad. We learn how to make a healthy snack choice and the science behind it.
Forces ©	What goes up must come down! Join us as we learn all about Physics and the forces called Gravity and Inertia. Have fun is all these motion filled experiments.
Fun'omena ©	Hurricanes, Tornados, and Volcanos Oh My! Join us in learning all about these phenomena's and how they are created on Earth.
Germs Make Me Sick ©	Learn about those nasty little germs that make us sick. Find out how easily germs can be passed around and how you can keep germs off you!
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
Get Growing ©	Discover how plants grow and the conditions they require to grow. Be exposed to hydroponics and desert plants.
Give Us A Sign ©	Ever wonder what animals might be hiding around you? We are here to teach you about the different sign's animals could leave behind. Learn all about tracks, markings, and the animals around us here in Illinois!
Gold Rush ©	Step back into the days of the Gold Rush. Pan for real gems like the old prospectors did and keep what you find.



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Good Vibrations ©	What is a sound, it is a vibration! Join as we learn about sounds and the vibrations they make.
Have a Heart ©	In this workshop we learn all about the heart in living organisms. You will even get to look and touch real animal hearts as we explore how they work!
Invisible Forces ©	Experiment with us three different Invisible forces that are constantly around us. We'll learn about the attractive Magnets, the glowing UV Light, and hair-raising Static Electricity.
It's a Fine Time ©	Wow, Grown- Ups sure care a lot about time! Join us as we learn more about how we tell time and different ways we can figure out what time it is on our Planet Earth.
Jurassic Jr. ©	Step back in time to the age of dinosaurs. Become a paleontologist as we dig for real fossils and dinosaur bones. Make your very own fossil.
Lab 101 ©	Use chemicals to make slippery slime. Learn all about acids and bases with our special indicator as chemicals magically change color instantly.
Leaf Me Alone ©	What makes those leaves turn green, how do they grow, why do they change colors? We will cover all these topics while learning more about the leaves that grow around us.
Let the Sun Shine In ©	Figure out where we are in our solar system and the importance of our Sun. Become an



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	astronomer with us as we learn more about our favorite star.
Magnet Makers ©	Discover all the cool properties of magnetism. Learn all the “attractive” facts!
Magnificent Mountains ©	Mountains cover about $\frac{1}{4}$ of our Earth’s Landscape. Become a Geologist with us as we explore how mountains are made and how magnificent they are.
Magnifying Madness ©	Learn how to use magnifying glasses and sharpen your observation skills just like a real scientist does.
Make a Machine ©	Discover the six simple machines all around us. Then test your engineering skills and build your own simple machine with to take home.
Matter Really Matters ©	Learn about Solids, Liquids, and Gases and how they are considered Matter. Also learn about what is not Matter. Learn how we as scientist can change matter with experiments.
Mission Control ©	Experience a real launch, from rocket assembly to BLAST OFF! Learn about escape velocity and calculate the altitude of your rocket. Enjoy astronaut freeze dried ice cream.
Moovin' & Groovin' ©	Discover Balance, motion, and gravity and how different objects could be moving and grooving all around us.



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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!
No Bones About It ©	We will jump out of our skin learning all about Bones! We will learn about what makes them strong and take a closer look at some real bones on the inside and the outside.
Nocturnal Animals ©	Let's open our Eyes to the creatures of the night as we take a closer look at Nocturnal Animals. Learn about all the hooting and batting facts and touch animal hides.
Nutty Nutrients ©	Have FUN as we test for proteins, starches, and fats. Experiment with vitamins and learn to make healthy choices.
Olfactory Fun Factory ©	Learn about the Science behind our nose and how we smell. Understand what Olfaction is all about by joining us in a smelling bee.
Out of Sight Light ©	This workshop is all about our Shadows! Learn the science behind how shadows are created and how shadows can change in size.
Planet Protectors ©	Protect our planet Earth and learn more about the key topics to Reduce, Reuse, and Recycle. Build a mini compost.
Rainbow Relays ©	What could ROYGBIV stand for? The Colors to the rainbow. This workshop teaches all about those wonderful colors and how rainbows are created.



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Reaction! Reaction! ©	Learn how in Chemistry we can clean coins with acids, also change liquids based on their Ph Levels.
Reason for the Season ©	You guessed it, this workshop is all about the changes of our seasons. Experiment away with us as we learn about our seasons and join us as we make it snow inside.
Science Circus ©	There is fun science under the big top. Paint with crystals, make elephant tooth paste and more...it will make you flip!
Scientifically Science ©	Learn all about what a real scientist does. Use scientific tools! Observe and predict what happens when you mix chemicals together. Take home a real magnifying glass.
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 take home!
Sense-ational Science ©	Uncover the facts about the amazing science of our senses.
Shoot for the Stars ©	Join us while we explore space and make a constellation. We will also create a stargazer to keep, and experiment with a chemical reaction to make a shooting star.



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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!
Soak It to Me ©	What could soak mean in Science? To absorb! Experiment with different absorbing experiments and make your own artwork using the absorbing method!
Somethin' Fishy ©	Learn all the fishy facts about fish. Take a closer look at scales on fish and how fish can protect themselves.
Sounds Like Fun ©	Learn about the different types of sound. Discover what sounds are. Make sound travel through different media. Build your very own ear drum. Make salt dance and water fly!
Spooky Spiders ©	Get tangled with us as we learn about spiders and how they are arachnids. Learn about their venom and different hunting techniques, and so much more!
Sssnake Ssscience ©	These reptiles are unique to our Earth's ecosystems. Learn about we can categorize snakes. We will teach you about their different hunting methods, and where they could be found in the world.
Starch March ©	What is Starch? Let us teach you all about how starches can be found in all kinds of our food.



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	Conduct experiments with us to find out which foods have starch in them.
Surface Circus ©	Cohesion, Tension, and...water? Experiment away with us as we explore the topic of tension and cohesion and how we can learn about these by doing some fun water experiments.
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.
The Unique Me ©	Discover what unique traits make us different and special from each other by exploring the world of Genetics and Biology.
The Water Journey ©	This is the perfect introduction to the water cycle. Learn all about the water cycle and water sheds. Even build your own water shed at the end.
Up, Up & Away ©	Aerodynamics is what this workshop is all about! Learn how our aircrafts take flight and the science behind helicopters, airplanes, and space ships.
Volcanoes ©	Learn about the Ring of Fire. Explore the awesome world of volcanoes. Have FUN as we erupt them!
Wacky Water Workshop ©	Discover how cool water really is. Explore the world of chromatography, capillary action and much more!



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Weather Wizards ©	Learn about how the wind works and where the wind comes from. Find out how scientists use the wind to predict the weather. Take home your very own pinwheel.
Wet & Wild Water ©	Have fun with us as we explore how sticky, wet, and wild water is. Do a fun experiment and watch how speed boats break the tension in water and zip away.
Where in the World is Your Home? ©	Learn about different homes we have here on Earth. From people to animals we will explore different habitats and experiment with creating new homes.
Who has Seen the Wind? ©	Wind is a pretty powerful energy. Join us in being a Meteorologist as we explore different experiments just how wind is created here on Earth and how powerful it exactly is.
Yummy, Yummy, Yummy ©	If you are hungry, this one's for you! Make gummy candies! Learn how yeast pretzels are made as you shape and make a big, beautiful pretzel to take home and bake.

To Make a Reservation Visit our Website at
www.sciencemadefunchi.net or call 630.227.4848