

## hightouch hightech



### Middle School Programs

## WE COME TO YOU!

High Touch High Tech has served students around the globe for 25 years, and is firmly established as an innovative world leader in hands-on science programming for children. We are fully committed to creating a passion for science in children, and accomplish this mission every day through direct, completely interactive, relevant, hands-on science experiences that come directly into your classroom. We are...Science Made Fun!

We provide all equipment and materials in this supply intensive, educational and FUN experience. Students receive educational handouts and/or take-home science experiments. Program fees are usually paid for by parents or the PTA/PTO. High Touch High Tech programs may also be paid for with grant dollars.

### Pricing for our 50 Minute Programs:

- Minimum fee per class - \$108.00 for UP TO 18 students / \$6.00 for each additional student.
- A minimum of 3 classes per day is required. We can conduct up to 6 classes per day.

### PLEASE NOTE:

- Each Scientist can conduct up to 6 classes per day.
- Classes must be conducted with no longer than 5-10 minutes in between each one.
- High Touch High Tech is compliant with Palm Beach, Broward, Miami-Dade and Martin County guidelines for fingerprinting and background checks.
- Each teacher will receive a list of the Next Generation Sunshine State Standards & Common Core State Standards as they relate to selected programs.
- All programs are S.T.E.A.M. driven in order to heighten the impact of the learning experience.
- Exciting programs for special needs children are also available.
- There is a \$40.00 travel fee per visit to Miami-Dade, Martin County and Belle Glade area schools.

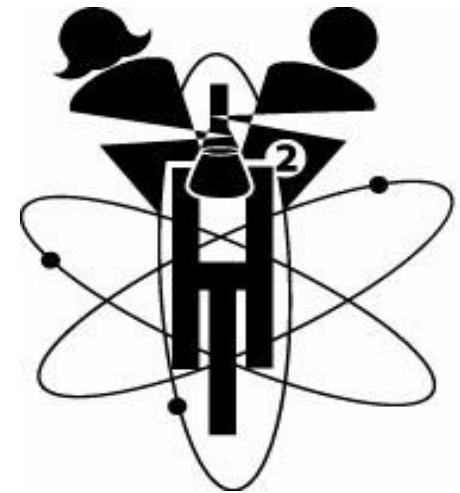
### When making your reservation please be prepared to provide the following information:

- Number of Classes
- Program Name
- Preferred time for each 50-minute class
- Number of children per class
- Preferred Date(s)

We've integrated Common Core Standards for Mathematical Practices and Reading Standards for Informational Text in many of our programs.

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### MIDDLE SCHOOL PROGRAM GUIDE 2017-2018



High Touch High Tech of  
South Florida  
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West Palm Beach, FL 33411

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[www.facebook.com/hthtsfl](http://www.facebook.com/hthtsfl)

# The Nature of Science is addressed in ALL High Touch High Tech programs

**Brain Buzz© (Life)** - Discover how "groovy" the brain really is as we play games with our senses and reflexes. We'll see why the brain is the ruler of all the systems of our body. Have FUN as we make our own brain to keep.

**Cosmic Capers© (Earth & Space)** - Travel through space as we explore our solar system. Discover the forces that keep us "on track". See how our place in the Solar System affects us every day and night of the year. Launch rockets. Learn about our planets, the moon, eclipses and much more.

**Edison's Workshop© (Physical)** - Explore the amazing world of electricity. Have a hair-raising time playing with static electricity. Work with conductors & insulators. Learn what's "current" as we make doorbells ring & light bulbs light.

**FSA'S a Snap!© (Physical)** - Let's have fun as we engage in the "White Mystery Powder" investigation. We make it easier through hands-on experimentation, utilizing the Scientific Method as we solve problems and make FSA's a Snap! Perfect for boosting student confidence.

**Finally Fun Machines© (Physical)** - Finally, a hands-on and FUN program on machines. Meet the Facilitator, our cool multi-personality compound machine, and engage in pulley power and wedge wonders. Become mechanically minded as we explore the six simple machines.

**Forensic Fun© (Life, Physical)** - Discover all the cool techniques that real crime fighters utilize. Use the Scientific Method to help solve a chemical mystery. We will study our own genetic information to better understand how unique we all are. Learn about our D.N.A. as we study our fingerprints.

**'Fun'omena© (Earth & Space)** - Get the facts...on those natural acts...earthquakes, hurricanes, tornadoes, volcanoes and more. Learn about the changing conditions which cause these phenomena. Have FUN as we make them happen in your classroom.

**Global Fever© (Earth & Space)** - Discover the effects of global warming. Have fun as we explore some clean and renewable energy resources such as solar, water and wind. Explore the 3 R's as we help clean up the world.

**Globs, Goo & Guts© (Life)** - Roll up your sleeves and make all kinds of icky sticky stuff! Distinguish some human body parts & their basic functions. Have a hands-on look at a real cow's heart! Find out what makes us tick!

**Go Girl!© (Life & Physical)** - Join us as we honor the contributions of women in science. We will explore Florence Nightingale's influence to the world of Biology as we use stethoscopes and learn about our heart. Madame Curie's knowledge of Chemistry will then be investigated as we study the Periodic Table of Elements and build our own molecules. Finally, we will honor Sally Ride and make our own "Space Mud" to keep!

**Gold Rush© (Earth & Space)** - Step into the world of Geology. Learn about gems, rocks and minerals and where they came from. Pan for real gems and keep what you find. Identify the physical properties of common minerals & the 3 categories of rocks. Perform acid tests and more as we classify our gems. Find out why gems are so precious.

**Matter Matters© (Physical)** - Discover all states of matter. Explore the scientific theory of atoms. We will build our own molecules with yummy "atoms" and test for acids and bases. Learn the difference between chemical and physical changes as we make "slushies" to eat!

**Newton in a Nutshell© (Physical)** - Step back in time to the days of Newton and his famous Laws of Motion. Have a hands-on look at these forces. Discover gravity and have FUN as we push, pull, and get the job done!

**Power of Light© (Physical)** - Find out how amazing light is. Discover ROY G. BIV and the electromagnetic spectrum. Uncover the mysteries behind sound & light energy. Become "energized" as we learn about batteries and make light bulbs light up

**Rainforest Safari© (Life, Earth & Space)** - Learn why the rainforest is so important. Discover ways to protect its precious, natural resources. Trace the flow of energy from the Sun. We'll explore each layer of the Rainforest and build our own Rainforest model to keep.

**Silly Cells© (Life)** - Discover the amazing world of Biology. Let's experience osmosis and diffusion and examine a variety of cells through a Microslide Viewer. We'll compare plant and animal cells and make a cell model to keep.

**Smarty Plants© (Life & Earth)** - Discover the amazing world of plants. Learn about photosynthesis, pollination & germination. Have a hands-on look at roots, shoots, and transportation inside a plant. Get all the "seedy" facts! Make your own terrarium with its own water cycle.

**The Chain Gang© (Life)** - Join the "Chain Gang", the food chain that is. Explore the laws of nature that apply to the world's ecosystems. Have FUN as we learn about predator/prey relationships, and dissect real owl pellets. Discover why the Sun is important and take-home UV detecting beads.

**The Cycle of Life© (Life)** - We'll discover the many wonders of plant & animal life cycles. Learn why offspring of plants & animals are like, but not exactly like their parents or each other. We'll observe real insects, dissect seeds & make our own plant biome to keep.

**The Reaction Attraction© (Physical)** - This is the coolest attraction in town! Have FUN as we discover the world of chemistry. Get the solution in this fast-paced program on chemical reactions. Explore indicators and make your very own polymer to keep!

**The Real McCoy© (Physical)** - 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 cool Experiments while honoring these great individuals. Great Program for Black History Month! (Book this one early!)