



hightouch hightech **Science Made Fun!**

MIDDLE SCHOOL BROCHURE

www.ScienceMadeFunATL.net
info@ScienceMadeFunATL.net
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**Meets Georgia
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Students
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Sixth Grade

**Astronomical Wonders
Meteorology Mayhem
Mineral Madness
Pangaea Power**

Seventh Grade

**Body Shop
Dissection Connection
No Bones**

**Teachers,
administrators,
principals, &
students agree
on our value!**

"Great program and well presented. I hope to do this program again next year!"

-- Dr. Kristen Honkanen
Freedom Middle School,
Canton, GA

"The students interacted with the items, one another and Scientist E. They learned a lot and really enjoyed the experience too. It's great when learning is fun!"

-- Ms. Nancy Duffer
Taylor Road Middle School
Alpharetta, GA

"Kids loved the activities and they all reinforced standards well. Looking forward to a return visit!"

-- Ms. Kelli Torkelson
Hopewell Middle School
Milton, GA

"The students really enjoyed the program and it went very well with our current curriculum objectives."

-- Ms. Marian Rosenberg & Ms. Sgro-Ellis
TAG Science, 7th grade
Taylor Road Middle School
Alpharetta, GA

SIXTH GRADE

ASTRONOMICAL WONDERS (6)

Physically experience how motion and mass create gravity. Use our models to SEE the different phases of the moon. Do you know what GEORGIA and MARS have in common? Try a spectroscopy experiment to learn how astronomers identify the atmospheric gases of planets as well as the age of stars. Learn about the placement of stars and constellations and even take home a star finder you make yourself.

GSE: S6E1, S6E2, S6E3, S6E4

METEOROLOGY MAYHEM (6)

Sailing horse latitudes, changing your attitudes, the weather never stays quite the same. Air pressure and convection currents are the main categories in this fully immersive program. Intelligent and age-appropriate experiments challenge students to discover the origins and means of weather patterns and regional climates as well as how they change.

GSE: S6E3a, S6E3b

MINERAL MADNESS (6) ***

Learn the relationship among minerals, rocks and soils. Collect and learn to identify minerals from around the world through an array of standard mineral tests. Discover the field of sedimentology through fossils to indicate the changes in life over the course of Earth's history. Learn to identify rocks, including many found locally through the use of a dichotomous key and by applying the knowledge learned from mineral tests.

GSE: S6E5a, S6E5b, S6E5c, S6E5h

PANGAEA POWER (6)

Delve into plate tectonics while investigating the constructive and destructive forces that create landforms. Dig deep into the topic of volcanoes and become familiar with some of the most consequential eruptions in Earth's history. Correlate local geological events to the entire planet while building your own dynamic, take-home model of tectonic forces and processes.

GSE: S6E5d, S6E5e, S6E5f, S6E5

SEVENTH GRADE

BODY SHOP (7)

HEARTS, BRAINS, EYES, and MORE! Get the FEEL of how your brain controls your organ systems. Examine eyeballs inside and out. Be a-MAZE-d as you follow the blood's flow through the heart. Use authentic stethoscopes to hear your heartbeat! Fool your brain with optical illusions and take one home.

GSE: S7L2b, S7L2c

DISSECTION CONNECTION (7) ***

A comparative anatomy study of living things. Before dissection, students will explore the branch of taxonomy and why dissection helps us better understand the intricacies of living things. Next, we will conduct an invertebrate examination of earthworms and crayfish. Next, "get a backbone" and explore the internal anatomy of a frog. *Non-toxic, limited odor "PERFECT SOLUTION" from Carolina Biological is used.*

GSE: S7L1

NO BONES (7)

Learn the "bare bone facts" about classifying organisms. It's ok to be spineless as we explore the world of invertebrates. Compare and contrast different animals and plants by their physical and cellular structure. Get hands-on with skulls, Microslides, X-rays and more! Even touch some of our LIVING invertebrates if you dare!

GSE: S7L1

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offers fun, educational, hands-on, and interactive in-school science experiences.

Programs are flexible to regular or block scheduling.

We can present in a science lab, spare room, media center, or your classroom.

High Touch-High Tech® provides all equipment and materials for this supply-intensive educational experience. Some programs provide take-home experiments.

Parents, PTA/PTO, or outside grants may be used to pay for HTHT programs.

Pricing:

Each program session is designed to fill 45-50 minutes of each class period.

- **Two Day program: \$13.00 per student with a 100 student minimum charge.**
- **One Day Program: \$10.50 per student with a 60 student minimum charge.**

*-Premium supply surcharge will apply to programs with ****

-Travel fees may apply to locations outside our service area.

-Credit card payment will include a service fee.

Reservations are required and must be accompanied by a \$150 non-refundable deposit to hold your field trip.

READY TO BOOK!

PLEASE PROVIDE:

1. Number of classes & each class size
2. Dates requested
3. Class times