

HOW DO I APPLY FOR STT?

You apply during the spring semester of your eighth grade year. Ask your science teacher or your school's STT liaison for an application and for more information.

Applications are accepted and selections made at your middle school. Selection criteria are based on grades, teacher recommendations and student interest in science. If you are a hard worker, a problem solver, and have a desire to expand your knowledge of science careers, STT may be for you!



TESTIMONIALS

"I liked having the opportunity to learn from professionals who were very well versed in their field and excited about what they were teaching."

Druid Hills High School Student

"Since the classes are smaller, the teacher is able to really focus more on each and every student. In regular classes, some students feel like they're not accounted for. In STT, I think that they feel more engaged and accounted for."

Tucker High School Student

"Overall, I learned a lot from STT and I had the chance to meet new people and interact with them, creating new friendships."

Cross Keys High School Student

"I enjoyed the interactive labs allowing us to better know our classmates. I also enjoyed meeting different people with different personalities including teachers."

Arabia Mountain High School Student

"I really enjoyed STT and would recommend it to almost anyone that will work hard and get up early even if they aren't specifically interested in science."

Chamblee High School Student

"I was surprised that I learned so much in just one semester!"

Stephenson High School Student

"The field trips were awesome!"

Ronald E. McNair High School Student



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FERNBANK SCIENCE CENTER

S · C · I · E · N · T · I · F · I · C

Tools and Techniques



2020-2021

WHAT IS STT?

Scientific Tools and Techniques (STT) is a challenging, fast-paced, one-semester program designed to familiarize ninth grade students with the tools and techniques of scientific inquiry. STT students are involved in rigorous science curriculum and take an array of life and environmental science modules taught by instructors who are field specialists. Classes are held in our planetarium, observatory, greenhouse, and laboratories that are equipped with state of the art scientific instruments. In one semester, students take two accelerated high school science courses: STT Biology and STT Environmental Science.

STT is free of charge and is open to any student who will attend a DeKalb County School District (DCSD) high school for 9th grade. Please note that students enrolled in DCSD magnet programs will not be eligible for the STT program. Transportation is provided to and from FSC for most schools – DCSD charter school students should check with their school administration regarding STT transportation.

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Tools and Techniques

WHAT WILL I DO IN STT?

STT engages students in hands-on, laboratory and field experiences such as...

- Participating in national and international scientific research
- Working with live animals in their natural habitats
- Utilizing 21st century technology
- Observing chemical reactions
- Operating microscopes
- Performing dissections
- Going on field trips
- Taking forest walks
- Flying drones
- And much more!

WHAT CAN I EXPECT FROM STT?

The STT program emphasizes critical thinking, scientific inquiry, and academic rigor. In addition to learning course content, you will:

- Gain exposure to many fields of science and science careers
- Engage in a variety of teaching and learning experiences
- Actively participate in a fast-paced learning environment
- Meet two science graduation requirements in one semester
- Have volunteer opportunities at FSC community events
- Work collaboratively with students that have diverse backgrounds
- Develop long-lasting friendships with students from other DCSD schools
- Build self-confidence and be prepared for greater success in high school and beyond

