

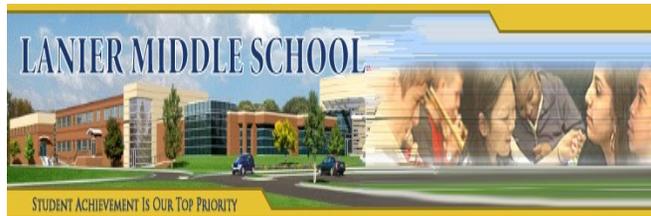
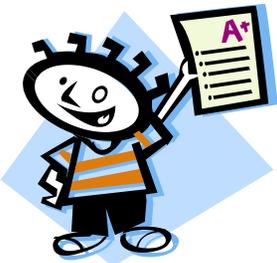


Lanier Middle School is an Eco-School!!

www.eco-schools.org

<https://lanierecoschool.wordpress.com/>

U.S. DEPARTMENT OF EDUCATION



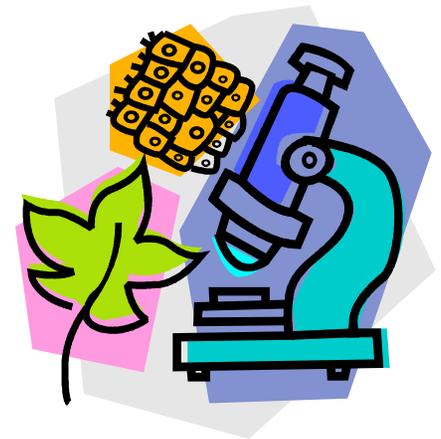
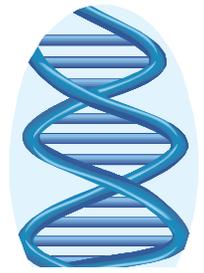
Lanier Eagles Soar!

- **Principal: Ms. Tammara Hanna**
- **Assistant Principals:**
 - * **Mr. Kevin Greata**
 - * **Mrs. Michele Johnson**

703-934-2400



Investigating Environmental Science 7th Grade



Environmental Stewardship Activities

As part of Lanier Middle School's focus on being an environmentally literate global community, our 7th grade students participate in quarterly environmental stewardship activities. Students will participate in simple yet effective school or neighborhood activities to improve the quality of their environment. After school activities such as Eco Club also provide opportunities for students to engage in environmental stewardship.

Environmental literacy is also embedded in our life science curriculum in activities such as our Meaningful Watershed Educational Field Experience (MWEE) or our school grounds watershed walk.



Investigations in Environmental Science General Education

Investigations in Environmental Science builds upon the experiences in the life sciences introduced to students in upper - elementary grades. Cellular structure and function, heredity, diversity, populations and ecosystems are content strands developed through a sequence of hands-on investigations. To augment the inquiry-based investigations, computer technologies including graphing calculators, Vernier probe ware, ArcGIS, and streaming videos are used to build background knowledge and enhance student understanding. Twenty first century skills related to STEAM (science technology, engineering, art & math) as well as Portrait of a Graduate (critical thinking, collaboration, communication, and creativity) are integrated throughout the course as students carry out investigations, collect and analyze data, and formulate conclusions.

Students will investigate three major units during the school year:

- Environmental Science
- Observing Living Things
- Heredity and Diversity



Investigations in Environmental Science Special Education and Honors

Special Education Classes
(Designed according to the student's IEP)

Honors & AAP

The goal of Honors classes is to provide a consistent countywide curriculum that meets the needs of a diverse group of inquisitive and self-directed learners who demonstrate high achievement, interest and/or potential in science. Honors classes are open to all students who seek increased academic rigor in science.

The Honors curriculum is based on extensions to the Fairfax County Public Schools' Program of Studies (POS). Extensions to the POS are designed to provide greater levels of depth and complexity. The Honors Program is aligned with national standards for Advanced Academics Program. Students are also provided with increased opportunities for applied research.

All science classes provide academic rigor. Honors classes are looking for students who are driven by a desire to pursue higher levels of academic achievement in science.