

Summer Science Academies

Flanders is excited to offer science based academies this summer. We invite your child to come to Flanders and be a scientist, develop teamwork skills, and have lots of fun in the process. Each academy is designed around specific Next Generation Science Standards, bringing to life what was learned during the last school year, and giving a foundation for the next.

WETLANDS DISCOVERIES (Ages 10 - 13)
FULL DAY, 1-WEEK ACADEMY (June 27 - July 1)



Students experience the local environment as a system made of 4 different components: water, air, earth, and life. These components are connected, impact each other, and are illustrated in the wetland ecosystems on campus. Students study four different wetlands, conducting scientific investigations on water quality, water flow, and on energy flow through wetland food webs. They share the results of their investigations, developing their own creative displays for a final presentation.

MAPPING LANDFORMS (Ages 8 - 10)
FULL DAY, 1-WEEK ACADEMY (July 18 - 22)



Explore the landforms and bodies of water on campus and show their shapes and connections by creating maps. Using a compass, binoculars, paper and pencil, observations, imaginations, and teamwork, students develop a hands-on appreciation of the land and water around them. Using their maps, they have developed, students introduce the new land they have charted in a final presentation.

SECRETS OF THE FOREST (Ages 8 - 10)
FULL DAY, 1-WEEK ACADEMY (August 1- 5)



Gain a hands-on understanding of what a forest is, its importance as an ecosystem, and of the amazing, sometimes hidden forces of nature that are occurring within it. As field researchers, conduct a tree survey and use measurement skills to determine the age and life cycle stages of trees. Study the forest's role as a habitat and use data gathered through field investigations, including camera trap footage, to make conclusions about the level of animal diversity in the forest. Finally, campers will work together on a creative presentation.

Call the office at 203.263.3711 ext. 12 with any questions.



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