

PreK – 12



## Resources to Support Families

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### Elementary School

- [Video: Lab Before the Blab](#): An example of hands-on science learning
- [Parent Involvement in Science Learning](#)
- [Tips for Busy Parents](#)
- [10 Questions Your Kid's Science Teacher Wishes You Would Ask](#)
- [NSTA: Daily Do for Families](#) : Sensemaking tasks that parents can use to engage their student in science
- [Citizen Science](#): Searchable database crowdsourcing science projects
- [Exploratorium Science Snacks](#): low-cost, teacher-tested activities
- [Maryland Integrated Science Assessment \(MISA\)](#): Taken in Grade 5, click here for an overview of the assessment, rubrics for success, and practice tests.

### Places to visit:

- [National Aquarium, Baltimore, MD](#)
- [Smithsonian's National Zoo, Washington, D.C.](#)
- [Rockville Science Center](#)
- [MD Science Center](#)
- [MD Zoo in Baltimore](#)
- [Butler's Orchard](#)
- [Catoctin Wildlife Preserve](#)
- [Homestead Farm](#)

### Montgomery County Nature Centers and Programs:

- [Black Hill Nature Programs- Black Hill Regional Park, Boyds, MD](#)
  - [Locust Grove Nature Center- Cabin John Regional Park, Bethesda, MD](#)
  - [Brookside Nature Center, Wheaton Regional Park, Wheaton, MD](#)
  - [Meadowside Nature Center, Rock Creek Regional Park, Rockville, MD](#)
  - [Maydale Nature Classroom, Maydale Conservation Park, Colesville, MD](#)
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### Middle School

- [Video: Lab Before the Blab](#): An example of hands-on science learning
- [Parent Involvement in Science Learning](#)

- [Tips for Busy Parents](#)
- [10 Questions Your Kid's Science Teacher Wishes You Would Ask](#)
- [NSTA: Daily Do for Families](#) : Sensemaking tasks that parents can use to engage their student in science
- [Citizen Science](#):Searchable database crowdsourcing science projects
- [Exploratorium Science Snacks](#): low-cost, teacher-tested activities
- [Maryland Integrated Science Assessment \(MISA\)](#): Taken in Grade 8, click here for an overview of the assessment, rubrics for success, and practice tests.

Places to visit:

- [National Aquarium, Baltimore, MD](#)
- [Smithsonian's National Zoo, Washington, D.C.](#)
- [Rockville Science Center](#)
- [MD Science Center](#)
- [MD Zoo in Baltimore](#)
- [Butler's Orchard](#)
- [Catoctin Wildlife Preserve](#)
- [Homestead Farm](#)

Montgomery County Nature Centers and Programs:

- [Black Hill Nature Programs- Black Hill Regional Park, Boyds, MD](#)
- [Locust Grove Nature Center- Cabin John Regional Park, Bethesda, MD](#)
- [Brookside Nature Center, Wheaton Regional Park, Wheaton, MD](#)
- [Meadowside Nature Center, Rock Creek Regional Park, Rockville, MD](#)
- [Maydale Nature Classroom, Maydale Conservation Park, Colesville, MD](#)

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## High School

- [Video: Lab Before the Blab](#): An example of hands-on science learning
- [Parent Involvement in Science Learning](#)
- [Tips for Busy Parents](#)
- [10 Questions Your Kid's Science Teacher Wishes You Would Ask](#)
- [NSTA: Daily Do for Families](#) : Sensemaking tasks that parents can use to engage their student in science
- [Citizen Science](#):Searchable database crowdsourcing science projects
- [Khan Academy](#): Free lessons for learners and parents to support Science and Math concepts
- [Montgomery College Youth Programs](#)

- [Maryland Integrated Science Assessment \(MISA\)](#): Taken after High School Biology/Life Science, click here for an overview of the assessment, rubrics for success, and practice tests.

Places to visit:

- [National Aquarium, Baltimore, MD](#)
- [Smithsonian's National Zoo, Washington, D.C.](#)
- [Rockville Science Center](#)
- [MD Zoo in Baltimore](#)
- [Catocin Wildlife Preserve](#)

Montgomery County Nature Centers and Programs:

- [Black Hill Nature Programs- Black Hill Regional Park, Boyds, MD](#)
- [Locust Grove Nature Center- Cabin John Regional Park, Bethesda, MD](#)
- [Brookside Nature Center, Wheaton Regional Park, Wheaton, MD](#)
- [Meadowside Nature Center, Rock Creek Regional Park, Rockville, MD](#)
- [Maydale Nature Classroom, Maydale Conservation Park, Colesville, MD](#)