

Physics in Nature Syllabus, Session 3  
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Welcome to Physics in Nature! This class is designed to introduce students to the captivating world of physical science phenomena found in nature. From electric current generated by eels to fluid mechanics in plants there is so much to discover when we look to our natural world to see physics in action. Students will explore foundational concepts in physics by participating in interactive demonstrations, creative projects, and collaborative experiments. By the end of the course, students will not only grasp key physics concepts but also develop critical thinking skills and a sense of curiosity about the science that shapes our world.

**Materials needed:** One spiral notebook or composition notebook for notes and data.

**Expectations:** In *Physics in Action*, students are encouraged to actively engage in their learning by taking guided notes and participating in demonstrations and discussions. Participation is key to deepening understanding and making the most of our time.

Students will have the opportunity to work on various hands-on projects that may involve tools and supplies. It is essential that they handle all materials with care and follow safety guidelines. Making appropriate and safe choices is crucial for ensuring the safety of themselves and their classmates.

Grading will be based on participation and completion of assigned projects and papers. All work will be done during class time.