



Dear Parent/Guardian:

Welcome to the 6th six weeks in Integrated Physics and Chemistry!

We would like to take this opportunity to share with you what your child will learn during this six weeks. Our goal is to spark the students' interest in chemistry and to build basic knowledge that will lay a solid foundation in chemistry for our students.

Sixth six weeks topics will focus on connecting chemistry and physics concepts to the real world:

- Solutions
- Nuclear Chemistry
- Environmental Impact of Chemical Reactions

We aim to make this course as interesting and interactive as possible by using learner inquiry-based activities and projects, Canvas forums, and real-world applications of the targeted topics. Students will learn critical thinking skills, safe scientific practices, how to plan and implement scientific design and to communicate their findings.

Students are expected to complete and turn in homework on time via Canvas or as otherwise instructed. Students are encouraged to participate, ask questions and be involved in their learning processes in the classroom. To be academically successful in this course both attendance and participation in class is vital. Please encourage your child to be active and responsible in keeping up with their work and checking Skyward for grades. Please see specific tutorial schedules on the school websites.

We will continue to use Argument Driven Inquiry (ADI) Labs with our students. Each lab begins with a guiding question and students are given the opportunity to learn more about each topic. Through the ADI process your student will design their experiment, collect and analyze data, justify their conclusions, write an investigative report, and participate in the peer review process of their reports.

We hope that your child has enjoyed this year in IPC! Please e-mail or call your student's teacher if you have any concerns or questions.

Sincerely,

Eagle Mountain-Saginaw ISD IPC Teachers