



Using Phenomenon for Integrated Science Instruction

3 clock hours

MAJOR TOPICS TO BE COVERED:

- Effectively using real world phenomena to plan science instruction
- Planning, teaching, and reflecting on lessons that utilize phenomena

This self-paced course includes the following activities:

1. Reading the [‘Qualities of a Good Anchor Phenomenon for a Coherent Sequence of Lessons’](#)
2. Choose a real phenomenon and plan a series of lessons to investigate the phenomena
3. Write a unit plan that includes:
 - Science Topic and Grade Level
 - Phenomenon to be investigated
 - A rationale for why this is a feasible, quality phenomenon for classroom investigation
 - STEM standards: science standards and standards from 1 or more other subjects that will be addressed in the unit
 - Planned Sequence of the lesson
 - Learning targets for the lessons
 - Resources for the lessons
 - How student learning will be assessed
4. Submit the unit plan to Dr. Rachel Osborn, Rachel.osborn@bremertonschools.org

COURSE OBJECTIVES:

As a result of participating in this course, teachers will demonstrate understanding of the following:

- Effectively using real world phenomenon to plan science instruction
- Planning a unit that utilizes phenomenon

Submit lesson plan and reflection to Dr. Rachel Osborn before June 1, 2017.