



Oregon Marine Reserves Ecological Monitoring Plan

EXAMPLE SCOPE AND SEQUENCE

This ORSEA activity was written for and used in an 8th grade interdisciplinary science classroom. It can, however, be modified for younger or older grade levels. The days below are based on one 50-55 minute in-person class period.

Day 1:

- Open the *Engage and Explain* slide presentation deck. Go through each slide with students, specifically engaging turn and talk strategies throughout to engage in the content.
- Close with an explanation of day 2 when students will work in groups to read the *OMR Ecological Monitoring Plan* and identify main goals and objectives of the reserves.

Day 2:

- Print or post on website copies of the *2015 OMR Ecological Monitoring Plan*.
- Distribute copies of the *OMR Note Sheet* to students.
- Decide if you'd like students to work in groups or work individually to complete the note sheet. Alternatively, you can work through the assignment as a large group.

Day 3:

- Decide how you will designate a reserve to each student (example: student choice, pull a slip of paper out of a bowl, etc.)
- Distribute *Mini-poster Instructions and Template*.
- Print or post pages 19-30 of the *2015 OMR Ecological Monitoring Plan* for students to glean information from.
- Go over instructions with students and encourage them to fill in all white space on the mini poster with information and drawings of species and/or habitats in the reserve.
- Establish a due date with students.

Optional/Extension activity:

OMR Ecosystem Comparison Table - Use the OMR brochure and web sources to complete. This can be used for TAG students or within the lesson to identify components of marine ecosystems.

Find this and other ORSEA Curriculum [here](#)