

CEMSP Science Program

Teacher Checklist

Pre Arrival -

1. Download and Print - Teach Check List
2. Review the Program Overview and Standard Supports.
3. Download a copy of the Student's Project Management Sheet and Research Data Logs.
4. Review with the program outline and goals with the students.
5. Divide your class into research teams of between four and six members.
6. Using the student project management sheet, each team of students is to select a project manager. The project manager will be responsible for appointing a scientist's for each of the activities listed on the project management sheet. A copy of the project management sheet should accompany the scientific team during their visit to Patriots Point. All of the research data obtained from this experiments conducted at Patriots Point will be recorded on the management sheet.
7. As a recourse tool, Students should be aware of and have access to the vocabulary list of the program's key words as provided in the Vocabulary List link.
8. Students are asked to read "The Yo Yo Travels of Oscar the Oxygen Atom, from the Sea to the Mountains and back".
9. Students will meet as a group and develop a hypothesis for the water quality experiments.
10. Each Team designate a team leader or other identification name. List the designation name on a sheet of paper to be provided to our staff on the date of the program. We will use the sheet to divide the groups into the station rotation.

Post Program Activities

1. Discuss with the research teams the unique characteristics of each ecosystem studied.
2. Discuss how animals have adapted to life in Charleston's estuarine environment and how the adaptations enabled them to survive.
3. Discuss the journey of Oscar the Oxygen Atom.
4. Discuss the Scientific Data obtained by each team from the experiments conducted at Patriots Point.
5. Determined a conclusion to the experiment's hypothesis.
6. Input the classrooms Scientific Data into the CEMSP and the SCORE data research sites.
7. Complete the program Exit Survey.