

LESSON PLAN

All lesson resources can be found at: encounteredu.com/teachers/lessons/frozen-oceans-science-14-16-lesson-6

| Aims / Objectives | Activities | Resources | Outcomes |
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| STARTER: WHY AM I MAKING ANOTHER POSTER? | Explain that research teams often use posters to provide an overview of their research at conferences Highlight the different types of information that are used in the poster | Subject Update – Research posters | Know how field research teams communicate results |
| CREATE POSTERS | In groups of four, students should create a poster that explains: <ol style="list-style-type: none">1. An overview of the issue of ocean acidification2. The chemical process that causes ocean acidification3. The evidence that the oceans are acidifying4. The impact that this might have on marine life5. The research that is being carried out in the Arctic6. Possible ideas for future research | Materials from past three lessons printed out Sugar paper (or construction paper) and assorted poster making materials A simplified template for the poster is available on Student Sheet 6a - Research poster template | Be able to communicate the issue and science of ocean acidification |
| CLASSROOM CONFERENCE | Stick the posters around the classroom One pair of students stays with their poster to explain it to others The other pairs tour the other posters asking questions | Posters created during lesson | Discuss research topics with peers |