



Reach the World and The Weddell Sea Expedition 2019

This is designed to act as a guide for you to adapt and use to meet your students' needs. We would love to hear how you adapt and use it with your students!

<p>Journey: Weddell Sea Expedition 2019 https://www.reachtheworld.org/weddell-sea-expedition</p>	<p>Title: Inspired, how can you join an expedition?</p>
<p>Article: All of the content from the Weddell Sea Expedition</p>	<p>Essential Questions:</p> <ul style="list-style-type: none"> - Reflect on your experience following the Weddell Sea Expedition - What does it take to join an expedition? - What skills does one need to be a part of an expedition? - What kind of exploration are you interested in? Why?
<p>Learning Objectives:</p> <ul style="list-style-type: none"> - Students will be able to reflect on their learning, engagement and inspiration with the expeditions - Students will be able to articulate how they can join an expedition in the future 	<p>Materials: All of the content: https://www.reachtheworld.org/weddell-sea-expedition OceanX videos: "Explore Antarctica with Expedition Leader Martin Enckell"; "Women in Science", "Filming on Thin Ice"</p>
<p>Outline</p>	<p>Directions</p>
<p>Introduction</p>	<ol style="list-style-type: none"> 1. This is a reflection activity. 2. Review with students the Reach the World journey page and all they have learned about the Weddell Sea Expedition. 3. Review the OceanX videos about other types of exploration and research in Antarctica.
<p>Questions for reflection</p>	<ol style="list-style-type: none"> 1. Thinking about your students, choose which reflection questions fit your class the best.

<p>- Reflection can take any form you wish that is best for your students.</p>	<ol style="list-style-type: none"> a. Looking back at the expeditions, what has inspired you the most and why? b. Which part of the expedition did you feel most connected to and why? c. What inspired you most about what you have learned while engaged with this expedition?
<p>Action Questions</p>	<ol style="list-style-type: none"> 1. After students have reflection, ask them action-oriented questions. <ol style="list-style-type: none"> a. What role would you like to have on an expedition and why? b. What are some skills you need to gain to participate in an expedition? c. What do you predict the future of Antarctic exploration will bring?
<p>Share</p>	<ol style="list-style-type: none"> 1. Have students share with the class or in small groups their reflections and how they can take action.

Extension Activity: Have students design their own expedition. Where would they go? Why? What would they study? How would they study it? Knowing that the point of scientific expeditions is to increase the community’s knowledge and understanding about a part of the planet, what would they want to do to try to add to that body of knowledge? Bonus question: How would they secure funding for such an expedition?

Bonus Activity: Have the students design and practice a pitch for their expedition where they are in control of the “what” and “why” for the expedition which concludes with a proposal for the amount of money they are asking for and a basic budget of what it would be used for.