

Instructional Calendar



Monday	Tuesday	Wednesday	Thursday	Friday
<p>Lesson 1: Introduction to the Arctic</p> <p>In this lesson, students will...</p> <ul style="list-style-type: none"> • Define and describe the Arctic • Identify major players in Arctic politics • Be introduced to the unit driving question 	<p>Lesson 2: Fram Motivation</p> <p>In this lesson, students will...</p> <ul style="list-style-type: none"> • Discover the motivation for the Fram expedition • Identify human qualities that helped the Fram expedition successfully navigate the Arctic 	<p>Lesson 3: MOSAiC Motivation</p> <p>In this lesson, students will...</p> <ul style="list-style-type: none"> • Discover the motivation for the MOSAiC expedition • Identify factors contributing to changes in Arctic sea ice extent 	<p>Lesson 4: Ice Floe Identification - Day 1</p> <p>In this lesson, students will...</p> <ul style="list-style-type: none"> • Analyze Arctic sea ice data to find a suitable ice floe for an Arctic research expedition. 	<p>Lesson 4: Ice Floe Identification - Day 2</p> <p>In this lesson, students will...</p> <ul style="list-style-type: none"> • Analyze Arctic sea ice data to find a suitable ice floe for an Arctic research expedition.
<p>Lesson 5: Measuring Albedo</p> <p>In this lesson, students will...</p> <ul style="list-style-type: none"> • Measure the reflectance (albedo) of different surfaces to describe the relationship between the color of a surface and its albedo 	<p>Optional Extension Activities:</p> <ul style="list-style-type: none"> • MOSAiC Distributed Network virtual reality tour • Lesson: Ice-Albedo Feedback • Lesson: Arctic Preparation 	<p>Final Assessment</p> <p>In this lesson, students will...</p> <ul style="list-style-type: none"> • Develop a visual to answer the unit driving question. 	<p>Final Assessment</p> <p>In this lesson, students will...</p> <ul style="list-style-type: none"> • Develop a visual to answer the unit driving question. 	<p>*Flexible Formatting* Please note that this unit is designed to be flexible! Facilitate individual lessons, implement in parts (e.g., 1 lesson/week), or complete all at once! Most materials are editable in Google Docs which can be used as-is or customized for the way you want to use them!</p>



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