

Module 7: Ocean Motion

Authentic Assessment: Ocean Cargo Transport Mission

Congratulations! You have been hired by the Acme Ocean Cargo Transport as a ship captain taking the next load of important cargo to China for distribution. You must delivery this precious cargo safely. Your job depends on its safe arrival in Hong Kong. There is a twist -- you must arrive before your competitors.

- How will you be able to travel faster through the oceans?
- What currents will you take?
- Will any winds help you? If so, which ones and why?
- What concerns might you have in relation to currents, waves, and/or tides?

Your supervisor wants to see your plan for transporting the cargo safely and on time. Design your plan, then create a presentation to present to your supervisor describing your journey from the Chesapeake Bay to Hong Kong. Answer the questions above, and in doing so, make sure to describe the ocean currents and wind patterns you will encounter on your travels. In addition, describe any concerns you might have in relation to currents, waves, and/or tides.

Good luck on showcasing the plans of your journey!

You may need to use resources outside of this course to complete this assignment. If so, please submit a Works Cited document. If you need assistance, visit the Developmental Module for information on citing any resources that you used.

Use the rubric below to help you complete the assessment and to understand how your work will be graded.

Once you have completed your presentation, please submit your work to the dropbox.

Four Points

Three Points

Two Points

One Point

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	Four Points	Three Points	Two Points	One Point
Content Accuracy	All content throughout the presentation is accurate. There are no factual errors.	Most of the content is accurate but there is one piece of information that seems inaccurate.	The content is generally accurate, but one piece of information is clearly inaccurate.	Content confusing or contains more than one factual error.
Sequencing of Information	Information is organized in a clear, logical way. It is easy to anticipate the next slide.	Most information is organized in a clear, logical way. One slide or piece of information seems out of place.	Some information is logically sequenced. An occasional slide or piece of information seems out of place.	There is no clear plan for the organization of information.
Effectiveness	Project includes all material needed to give a good understanding of the topic. The project is consistent with the driving questions.	Project is lacking one or two key elements. Project is consistent with driving question most of the time.	Project is missing more than two key elements. It is rarely consistent with the driving question.	Project is lacking several key elements and has inaccuracies. Project is completely inconsistent with the driving question.
Use of Graphics	All graphics are attractive (size and colors) and support the topic of the presentation.	A few graphics are not attractive but all support the topic of the presentation.	All graphics are attractive but a few do not support the topic of the presentation.	Several graphics are unattractive AND detract from the content of the presentation.
Spelling and Grammar	Presentation has no misspellings or grammatical errors.	Presentation has 1-2 misspellings, but no grammatical errors.	Presentation has 1-2 grammatical errors but no misspellings.	Presentation has more than 2 grammatical and/or spelling errors.

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Citations	Sources of information are properly cited so that the audience can determine the credibility and authority of the information presented.	Most sources of information use proper citation and sources are documented to make it possible to check on the accuracy of information.	Sometimes copyright guidelines are followed and some information does not use proper citations.	No references are included.