

EARTH-SPACE SCIENCE

Collaboration Option Instructions

Collaboration

Scientists communicate with each other and collaborate frequently. Just like a scientist, you will be collaborating with other students and your instructor to accomplish the objectives for specific lessons. *You must work with at least one other student, but you may work in groups up to four students.*

To receive credit for the course, you are required to complete at least one collaborative assignment per segment.

Each collaborative activity involves careful planning and extended time. You will need to meet with your project team on multiple occasions to complete the activity. Please plan your time accordingly. Continue to work on other lesson assignments while preparing your project.

This is a description of how to complete the Collaboration Project required in ESS.

Each module has a Collaboration Option as one of the lessons (except Beginning with Science).

- The project is outlined on the **Discover** tab. Read the **Introduction** and **Directions** for each and choose one that interests you. *You do not have to wait until you are in that module to do the Collaboration Option for that module.*
- To find a partner, go to **Discussion Groups** and post a note (or reply to one). *Please include an email for another student to be able to contact you.*
- Decide on a project that you and your partner want to do.
- *Keep a log of your communication with your partner(s), since you will need to provide this evidence for the Collaboration Assessment for Part Two.*
- Complete the project, **following the directions** for that Option. Make sure to use the **checklist and rubric provided** to guide your work on the project.
- Check the **Apply** tab to see what to submit for **Collaboration: Part One**. Your project may be a PowerPoint, video, or whatever format you and your partner decide on.
- *You and your partner must each submit the final project in your own Assessments.*
- For **Collaboration: Part Two** you will evaluate your experience completing project, and working with a partner, by filling in the Assessment Guide provided as a link to open. Submit this part after you have completed the project and submitted Part One.

Don't wait too long; this must be submitted before taking the Segment Exam.

- The Segment 1 project should be completed **by December 20**, before we break for the holidays.

Summary of Collaboration Project Options for ESS

Segment 1

Climate and Meteorology 07

For this collaboration option, your team has been selected as the weather news team for a famous news network. Every good weather team needs to have an understanding of the topic they are going to cover and the best way to deliver the information to the public.

Fresh Water 05

For this Collaboration option, your team has been selected to design a water conservation plan for a school or home. Every good team needs to have an understanding of the topic they are going to cover and the best way to deliver the information they research.

Our Universe 05

For this Collaboration option, your team has been selected by the National Aeronautics and Space Administration (NASA) to research a variety of space exploration missions and help them make some important decisions based on your position. As a team, you will research and decide whether you believe we should continue to fund humans in space exploration and under what conditions. If you do not believe we should continue with humans in space exploration in the future, support your reasons with research and evidence.

Rocks and Minerals 05

For this Collaboration option, your team has been selected by the United States Geologic Survey (USGS) to research two rocks and/or minerals that require conservation efforts and present a plan for their conservation. Every good team needs to have an understanding of the topic they are going to cover and the best way to deliver the information they research.

Segment 2

Geologic Time 04

For this Collaboration option, your team has been selected by a historical society to research several different time periods of the Geologic Time Scale and report your findings. As a team, you will research and present the variety of conditions and life available during different time periods.

Oceans 06

For this Collaboration option, your team has been selected to research the best location for a group of people buying vacation homes. Every good research team needs to have an understanding of the topic they are going to cover and the best way to deliver the information to the public.

Our Solar System 07

For this Collaboration option, your team has been selected to research one planet in our solar system, other than Earth. Every good research team needs to have an understanding of the topic they are going to cover and the best way to deliver the information to the public.

The Geosphere 06

For this Collaboration option, your team will be asked to research geologic events that have occurred along a plate boundary of your choice.