



SPACE MESSENGERS

STEMarts Activity Guide

Space Policy



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SPACE MESSENGERS WORKSHOP Space Policy

OVERVIEW

In this lesson you will prepare your students for the unit on Space Policy. Students will meet and hear from Michelle Hanlon, Co-Director, Center for Air and Space Law and Frank Tavares, Researcher, Space Enabled Research Group at the MIT Media Lab.

Subjects

Art, space policy, technology, science fiction

Estimated Time

Two 45 minute class periods, or several class periods throughout the week.

Grade Level

7-12

Objectives

Students will be able to:

- Discuss current ethical, social and biological challenges and creatively imagine alternative anti-colonial futures on earth and space.
- Learn about the latest international space regulations and what is still needed to achieve a peaceful and sustainable exploration of space.



Connect perspective to policy

Watch Frank Tavares speaker 25 min video

1. Watch Frank's video and discuss.
2. Discuss the current ethical, social and biological challenges that Frank outlined in his presentation. As a class, introduce each of these real world examples.
 - [Bio Spills in Space](#)
 - [Moon/Astroid Mining](#)
 - [Space Advertising](#)
 - [Space Cemeteries](#)

Watch and discuss Michelle Hanlon speaker video

1. Watch and discuss Michelle's video.
2. Review the [Outer Space Treaty of 1968](#) and explore; What is missing, how could it be enforced, what are the implications, how can it be improved?

Imagining peaceful and sustainable space applications

3. Ask students to select a space policy or one of the current space challenges discussed by Frank and Michelle. Explore with students what messages/values they are sending out to the world. How can we imagine other solutions and possibilities?

Preparation for Group Share

Have students prepare thoughts, ideas or questions for Michelle and Frank and add them to the Space Board. Upload any new student work to the Google Doc. We will screen share during the live session and selected students will read aloud their questions.

Direct links to speaker video

Frank Tavares <https://vimeo.com/509218191>

Michelle Hanlon <https://vimeo.com/684287841>

