

Broadcast: Space Exploration Supplemental Resources

[Canadian Space Agency \(CSA\) YouTube Channel](#) (science; K-12). Educational videos for all age groups about the ISS, astronauts, and other space-related material from the Canadian Space Agency.

[NASA YouTube Channel](#) (science; K-12). Educational videos for all age groups on various NASA-related material.

[Tools for Zero Gravity: Unit with Resources](#) (media arts, science, ELA; grade 5). Cross-curricular unit for which students explore and develop tools and strategies to help astronauts manage day-to-day life in space.

NASA.gov: [5 Fun Things To Do Without Gravity](#) (science; grades K-5). A brief page with gifs and explanations of different things that astronauts can do without gravity.

TeachEngineering: [My Moon Colony](#) (science, engineering; grades 7-9). A hands-on activity about designing your own moon colony.

PBLWorks: [Journey to the Red Planet](#) (science, ELA; grades 3-5). A PBL unit in which students apply their knowledge of space exploration to solve issues surrounding a journey to Mars.

[Space Colony Design Planner](#) (visual arts, science connection; grade 4). A plan sheet with discussion questions to support students in creating a 2D drawing of a design for a colony on another planet.

NASA.gov: [STEM at Home for K-4 Students](#) (STEM; K-4). NASA's STEM Engagement site containing an assortment of activities for K-4 students.

NASA.gov: [STEM at Home for 5-8 Students](#) (STEM; 5-8). NASA's STEM Engagement site that helps students learn about faraway worlds with informational coloring pages.

NASA: [Jet Propulsion Laboratory: Teach](#) (K-12). Science, technology, engineering and math resources, workshops and activities.

Smithsonian National Air and Space Museum: [Educator Resources](#) (STEM; K-12). Interactive activities and archived lectures (pioneers in flights, historians, scientists).

Smithsonian Center for Learning and Digital Access: [How Things Fly](#) (STEM; 4-8). Introduce students to four elements of flight through experiments.

Scholastic: [Meet Mae Jemison](#) (Language Arts; Grades 3-8). Students improve content reading skills and vocabulary as they learn about the first black female astronaut.