

Outer Space Exploration Text Set A

Articles/Videos/Interactive Resources:

"Could we survive prolonged space travel?" by Lisa Nip

<https://ed.ted.com/lessons/could-we-survive-prolonged-space-travel-lisa-nip>

"NASA studies twin astronauts to discover the effects of living in space" by Los Angeles Times

<https://newsela.com/articles/nasa-twins-study/id/21575/>

ISS Virtual Tour

<http://esamultimedia.esa.int/multimedia/virtual-tour-iss/>

Waste in Space Infographic

<https://www.jpl.nasa.gov/infographics/uploads/infographics/full/10929.jpeg>

"The Real Cost Of NASA Missions" by Shannon Stirone

<http://www.popsci.com/real-cost-nasa-missions>

"What are the Benefits of Space Exploration?" by Elizabeth Howell

<https://www.universetoday.com/37079/benefits-of-space-exploration/>

"Billionaires want to help Trump send rockets to the moon again" by Agence France-Presse

<https://newsela.com/articles/moon-trump-destination/id/27981/>

20 Things We Wouldn't Have Without Space Travel Infographic

<https://www.jpl.nasa.gov/infographics/infographic.view.php?id=11358>

How Big is Space? - interactive version

<http://www.bbc.com/future/story/20140305-interactive-infographic-of-space>

"The Apollo space program" by NASA.gov

<https://newsela.com/articles/lib-nasa-apollo-program/id/23728/>

The Human Body in Space

<https://www.nasa.gov/hrp/bodyinspace>

"How'd you like to spend Thanksgiving in space?" by Marcia Dunn

<https://www.tweentribune.com/article/tween78/howd-you-spend-thanksgiving-space/>

The Space Economy: A Modern Day Gold Rush infographic

http://infographiclabs.com/wp-content/uploads/2012/05/SpaceEconomy_IGL.jpg

What is Space Exploration Doing for You?

<https://www.youtube.com/watch?v=KZBjrwqxfnk>

Who Won the Space Race? by Jeff Steers

<https://www.youtube.com/watch?v=FxpC-8f--xo>

"Astronaut Breaks US Space Record" by Marcia Dunn

<https://www.tweentribune.com/article/tween78/astronaut-breaks-us-space-record/>

Space Science

http://www.cosmos4kids.com/files/explore_intro.html

"Gravity: Who Needs It? NASA Studies Your Body in Space"

<https://www.nasa.gov/content/gravity-who-needs-it>

"Discovery's Final Flight" by Tyrus Cukavac

<http://www.scholastic.com/browse/article.jsp?id=3755787>

"Hubble at 20" by Laura Linn

<http://www.scholastic.com/browse/article.jsp?id=3755562>

"Space Robots Blast Off" by Zach Jones

<http://www.scholastic.com/browse/article.jsp?id=3755701>

"10-Year-Old Discovers Supernova" by Larry Schwartz

<http://www.scholastic.com/browse/article.jsp?id=3755477>

"Seventh-Graders Make Mars Discovery" by Zach Jones

<http://www.scholastic.com/browse/article.jsp?id=3754429>

Space Exploration

https://www.esa.int/esaKIDSen/SEMTOEBE&JG_LifeinSpace_0.html

History of Space Travel

<http://kids.nationalgeographic.com/explore/space/history-of-space-travel/#space-first-space-suit.jpg>

Space History

<http://www.spacekids.co.uk/spacehistory/>

"Private Space Travel? Dreamers Hope a Catalyst Will Rise From the Mojave Desert" by John Schwartz

http://www.nytimes.com/2004/06/14/us/private-space-travel-dreamers-hope-a-catalyst-will-rise-from-the-mojave-desert.html?_r=1

"Blue Origin Going to Space by 2017" by Donna Gordon Blankinship

<https://www.usnews.com/news/business/articles/2016-03-08/blue-origin-planning-human-test-flights-to-space-by-2017>

"Going green: SpaceX sends the first recycled spacecraft back into orbit" by PBS NewsHour

<https://newsela.com/articles/spacex-historic-rocket-launch/id/31492/>

"If You Want To Go Into Space, Don't Expect A Seatbelt Sign Or A Flight Attendant Lecture" by Alain Stephens

<http://kut.org/post/if-you-want-go-space-dont-expect-seatbelt-sign-or-flight-attendant-lecture>

"NASA Prepares For Risks In Private Space Travel" by Nell Greenfieldboyce

<http://www.npr.org/2011/01/28/133308080/nasa-prepares-for-risks-in-private-space-travel>

"SpaceX announces private mission to moon in 2018" by Morgan Whitaker

<https://www.aol.com/article/news/2017/02/27/spacex-announces-private-mission-to-moon-in-2018/21722991/>

"Men Walk On Moon" by John Noble Wilford

<http://www.nytimes.com/learning/general/onthisday/big/0720.html#article>

"The first moon walker" by Janet Raloff

<https://www.sciencenewsforstudents.org/article/first-moon-walker>

"Moon Landing Facts: Apollo 11 at 40" by Anne Minard

<http://news.nationalgeographic.com/news/2009/07/090715-moon-landing-apollo-facts.html>

"SpaceX Launches Rocket Carrying Space Station Cargo" by Kenneth Chang

<https://www.nytimes.com/2017/02/19/science/spacex-launch-kennedy-space-center.html>

"China launches two-man crew to station module" by William Harwood

<http://www.cbsnews.com/news/china-launches-two-astronauts-on-long-duration-flight/>

"Sputnik's Impact on America" by Paul Dickson

<http://www.pbs.org/wgbh/nova/space/sputnik-impact-on-america.html>

"Laika the Dog" by Jennifer Rosenberg

<https://www.thoughtco.com/laika-the-dog-1779334>

"Apestronaut! Meet Ham, the chimp recruited by the U.S. 50 years ago to help beat Russia in the space race" by Bill Moulard

<http://www.dailymail.co.uk/sciencetech/article-1360110/Chimp-Ham-recruited-US-50-years-ago-help-beat-Russia-space-race.html>

"5 Revelations About Ceres That Are Blowing Scientists' Minds" by David W. Brown

<http://mentalfloss.com/article/85586/5-revelations-about-ceres-are-blowing-scientists-minds>

Trade Books:

The Space Race by Nancy Ohlin (Bonnier Publishing)

The 100 Year Starship by Dr. Mae Jemison (Scholastic)

Spacebusters: The Race to the Moon by Philip Wilkinson (DK Publishing)

How to be a Space Explorer: Your Out-of-this-World Adventure by Mark Brake (Lonely Planet)

Almost Astronauts: 13 Women Who Dared to Dream by Tanya Lee Stone (Candlewick Press)

Space Heroes: Amazing Astronauts by James Buckley Jr. (DK Publishing)

Apollo 13: How Three Brave Astronauts Survived A Space Disaster by Kathleen Weidner Zoehfeld (Random House)

Planets by Elizabeth Carney (National Geographic)

*Access to even a small number of trade books on the topic will dramatically increase students' reading volume during Bends II and III.