

Outer Space Exploration Text Set B

Articles/Videos/Interactive Resources:

"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/>

Waste in Space Infographic

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

"U.S. may return to moon soon with help from private businesses" by Agence France-Presse

<https://newsela.com/articles/moon-trump-destination/id/27983/>

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

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

"The Apollo space program" by NASA.gov

<https://newsela.com/articles/lib-nasa-apollo-program/id/23726/>

"Astronaut Breaks US Space Record" by Marcia Dunn

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

"Discovery's Final Flight" by Tyrus Cukavac

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

"Seventh-Graders Make Mars Discovery" by Zach Jones

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

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

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

"Space Robots Blast Off" by Zach Jones

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

"Hubble at 20" by Laura Linn

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

Space Exploration

https://www.esa.int/esaKIDSen/SEMTOEBE8JG_LifeinSpace_0.html

"Something new for space travelers: fresh salad!" by Seth Borenstein

<https://www.tweentribune.com/article/tween56/something-new-space-travelers-fresh-salad/>

"Space probe transmits stunning new views of Pluto" by Victoria Jaggard

<https://www.tweentribune.com/article/junior/space-probe-transmits-stunning-new-views-pluto/>

"Space station supply ship delivers espresso" by Marcia Dunn

<https://www.tweentribune.com/article/junior/space-station-supply-ship-delivers-espresso/>

"Christmas comes late to International Space Station" by Marcia Dunn

<https://www.tweentribune.com/article/junior/christmas-comes-late-international-space-station/>

"What happens to you in space without a space suit?" by Ask Smithsonian

<https://www.tweentribune.com/article/junior/what-happens-you-space-without-space-suit/>

Would You Like to be an Astronaut?

https://www.esa.int/esaKIDSen/SEM6TIWJD1E_LifeinSpace_0.html

Training at the European Astronaut Centre

https://www.esa.int/esaKIDSen/SEMRQIWD1E_LifeinSpace_0.html

The International Space Station

https://www.esa.int/esaKIDSen/SEMZXJWJD1E_LifeinSpace_0.html

Eating in space

https://www.esa.int/esaKIDSen/SEMBQO6TLPG_LifeinSpace_0.html

Weak muscles

https://www.esa.int/esaKIDSen/SEM0D6XDE2E_LifeinSpace_0.html

Spacewalks

https://www.esa.int/esaKIDSen/SEM2GO6TLPGLifeinSpace_0.html

A day in space

https://www.esa.int/esaKIDSen/SEMQ1JWJD1ELifeinSpace_0.html

Life on extrasolar planets

https://www.esa.int/esaKIDSen/SEMxWOSTGOFLifeinSpace_0.html

History of Space Travel

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

YouTube Playlist: Solar System Videos

<http://kids.nationalgeographic.com/explore/youtube-playlist-pages/youtube-playlist-solar-system/>

Space History

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

Space Science

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

Returning to Space

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

Mercury

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

Apollo

http://www.cosmos4kids.com/files/explore_prog_us2.html

"The Apollo space program" by NASA.gov

<https://newsela.com/articles/lib-nasa-apollo-program/id/23726/>

NASA's Crazy Space Exploration Ideas

<https://www.youtube.com/watch?v=-LcxM9-MbEM>

ISS Virtual Tour

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

Space Race

<http://www.bbc.com/future/bespoke/20140304-how-big-is-space-interactive/index.html>

The Moon Landing

<http://kids.nationalgeographic.com/explore/history/moon-landing/>

"The first moon walker" by Janet Raloff

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

"More and more private companies are being hired by NASA to do space work" by PBS NewsHour

<https://newsela.com/articles/spacex-historic-rocket-launch/id/31493/>

The Moon Landing

<http://www.kidport.com/RefLib/Science/MoonLanding/MoonLanding.htm>

The Space Race

<https://www.dkfindout.com/uk/space/space-race/>

"The Start of the Space Race" by NASA

<https://newsela.com/articles/lib-nasa-space-race/id/27965/>

Trade Books:

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

Moonwalk: The First Trip to the Moon by Judy Donnelly (Random House)

Black Holes by Ker Than (Scholastic)

The Moon by Elaine Landau (Scholastic)

Astronaut Handbook by Meghan McCarthy (Dragonfly Books)

Home Address: ISS: International Space Station by James Buckley Jr. (Penguin)

The International Space Station by Franklyn M. Branley (National Geographic)

Mars by Elizabeth Carney (National Geographic)

Planets by Elizabeth Carney (National Geographic)

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

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

Space Exploration magazine (Kids Discover)

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