PATHFINDER – SPACE PROJECT – MAY 2013

Search Terms (for additional online searching):

*Space Science  
Human Body NEAR Space  
Human Body NEAR Gravity  
Astronomy AND Space Science*

**Citation Guidance**

**(APA format)**

[Book](http://www.easybib.com/reference/guide/apa/book)

[Podcasts](http://blog.apastyle.org/apastyle/2012/10/how-to-cite-a-podcast.html)

[Websites](http://www.easybib.com/reference/guide/apa/website)

“We are just an advanced breed of monkeys on a minor planet of a very average star. But we can understand the Universe. That makes us something very special.”   
― [Stephen Hawking](http://www.goodreads.com/author/show/1401.Stephen_Hawking)

*How can water, metal, and minerals enable humans to permanently live in space?*

*How can the problematic aspects of long-term weightlessness be solved so that it does not have deleterious health effects on bone loss, muscle loss, etc.?*

**Online Resources**

**Human Body**

[Gravity, Heart Rate and Blood Pressure](http://www.nasa.gov/audience/foreducators/nasaeclips/search.html?terms=&category=0100) – NASA.GOV video  
[The Inner Body](http://www.innerbody.com/)  
[Human Life in Space](http://www.howstuffworks.com/living-in-space.htm) – article on the future of humans creating other planetary habitats

[Living on a Space Station](http://www.pbs.org/spacestation/station/living.htm) – PBS interactive website

[Space Travel and the Human Body](http://www.bbc.co.uk/newsround/22527246) – BBC article, May 2013

[The Virtual Body](http://medtropolis.com/virtual-body/)  
[Why Don’t We Live in Space Yet?](http://www.bbc.co.uk/science/0/22454299) – BBC article, May 2013  
[Meaning and Cause of Weightlessness](http://www.physicsclassroom.com/Class/circles/u6l4d.cfm) – interactive website

**Space**  
[Apps related to Space](http://www.nasa.gov/connect/apps.html) – created by NASA.GOV including SpaceCraft 3D and Universe

[Astrobiology](http://www.teachersdomain.org/resource/klvx08.sci.klvxastro/) – a short video introduction to the academic field

[The Earth’s Gravity](http://www.teachersdomain.org/resource/ket09.sci.ess.gravity/) – 5 minute video  
[Scientific American Space](http://www.scientificamerican.com/podcast/podcasts.cfm?type=60-second-space) - 60-second podcasts

National Geographic - [Solar System 101 video](http://video.nationalgeographic.com/video/kids/science-space-kids/solar-system-101-kids/) – 3-minute video

[Solar System in 3-D](http://eyes.nasa.gov/index.html) – interactive website by NASA.GOV

**Images and Misc.**  
[Popular Science Instagram](http://instagram.com/popsci) – online photo archive

[Space Station Art](http://www.nydailynews.com/news/national/amazing-1970s-artwork-envisions-colonized-space-article-1.1219511) – NY Daily News article, December 2012  
[20 Things You Didn’t Know About Living in Space](http://discovermagazine.com/2007/nov/20-things-you-didn2019t-know-about-living-in-space#.UZMmziv725I) – Discover blog post

**St. Thomas Print Resources**  
McDonald, O. 2002. What If We Lived On A Different Planet? (629.4)

Oxlade, C. 2007. Gravity (531)

Pogue, W. 1991. How Do You Go to Bathroom in Space? (629.4)

Visual Dictionary of the Universe (520)