Cities in Space™ Competition Resource List

This document contains links to a few good information sources that may help your team get started. We hope to add more references soon. If you would like additional help with technical concepts, accessing journal papers, or finding resources in areas not on this initial list, or to suggest additions, please contact us at hollymelear@steam-space.org.

Design Concepts and References:
Free Space Colony Design:
http://settlement.arc.nasa.gov/75SummerStudy/Table_of_Contents1.html
(Some information is out of date, but provides an incredibly detailed look at everything that goes into a free space colony)

Lunar colony design references:
http://www.nss.org/settlement/moon/library/2000-SystemArchitectureDevelopmentForASelf-SustainingLunarColony.pdf

Lunar base design reference:
http://www.lpi.usra.edu/publications/books/lunar_bases/
(Outdated technical details, but a lot of basic information and ideas)

Mars colonization book reference:
The Case for Mars: The Plan to Settle the Red Planet and Why We Must by Robert Zubrin
Mars colony design concepts:
http://www.marshome.org/files2/Fisher.pdf

Environments:
Free Space Radiation:
http://www.nap.edu/catalog/11760/space-radiation-hazards-and-the-vision-for-space-exploration-report
(Free download. Fairly technical, recommend second half of first chapter)

Advanced Radiation Protection Concepts:
http://www.lpi.usra.edu/lunar/strategies/AdamsEtAl_NASA%20TM-2005-213688.pdf

Mars surface and climate:
http://phoenix.lpl.arizona.edu/education.php

Moon environment:
http://www.lpi.usra.edu/lunar/moon101/