



CARNEGIE INSTITUTE

Blueprints to Blast Off: Making Our Way to the Moon to Mars

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Carnegie Science Center
Credits: Carnegie Institute

Blueprints to Blast Off immerses students grades 4-8 in a suite of programs that highlight the innovation required to sustain human spaceflight to the Moon and Mars: (1) a live, theatrical planetarium show that is delivered onsite at the Carnegie Science Center or at schools in a portable dome, as well as distributed for free around the world, (2) a 45-minute theatric science-on-stage assembly plus ten hands-on Adventure Stations that travels to schools in a dedicated van, and

(3) three 45-minute workshops for 4th-8th graders delivered at annual festivals with accompanying teacher professional development and materials distributed for free on the Carnegie Science Center's online STEMisphere platform.

List of Partners:

- NASA Ames Research Center
- Aliquippa, Duquense, and Clarion City School Districts
- Toronto City Schools
- Live Interactive Planetarium Symposium

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