



Lending Library: Living in Space

1. Lesson Plans

- a. Build a Space Station
- b. Micro-Gravity and Forces in Space
- c. NASA Lesson: Cool Suits
- d. NASA Lesson: Food in Space
- e. NASA Lesson: Leg Up

2. Classroom Resources:

- a. Take-home resources sheet
- b. Descriptions of NASA videos included in the kit
- c. Vocabulary list
- d. NASA Facts overview: Space Food
- e. NASA Facts overview: Living and Working in Space
- f. NASA Facts overview: The International Space Station
- g. Astronaut figures
- h. Poster: NASA Build it With Spacewalks
- i. NASA Plants in Space
- j. NASA Space Shuttle: Return to Flight
- k. *Living on a Space Shuttle* by Carmen Bredeson
- l. *Liftoff!* By Carmen Bredeson
- m. *Roaring Rockets* by Tony Mitton and Ant Parker
- n. DVD: *Space Collection*
- o. DVD: *First 40 Years*
- p. DVD: *Rocket Scientists*
- q. DVD: *Case of the Galactic Vacation*

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3. Lesson Materials:

a. Build a Space Station

- i. Space Station review worksheet template
- ii. Space Station components template
- iii. Laminated images of the International Space Station
- iv. NASA's International Space Station information sheet
- v. "Space Station Review" worksheet template
- vi. *Space Stations* by Diane M. and Paul P. Sipiera

b. Micro-Gravity and Forces in Space

- i. Microgravity spinner/simulator
- ii. 3 timers
- iii. 2 pairs of gloves
- iv. 2 puzzles
- v. 25 Jacob's ladders
- vi. 15 slinkys
- vii. 13 yo-yos
- viii. Basketball hoop and foam ball
- ix. Images of floating astronauts
- x. Jar with lid
- xi. DVD: *Exploring Science...As Only NASA Can*

C. Cool Suits

- i. Two thermometers
- ii. Black envelope
- iii. White envelope
- iv. Shoebox