

MINECRAFT & SCIENCE

EXPLORING THE INTERNATIONAL SPACE STATION

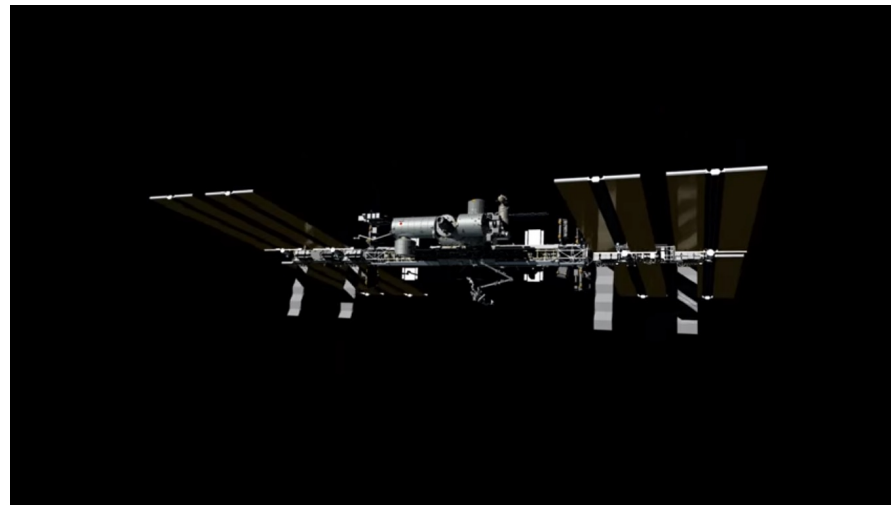
VERSION 1.0

Lesson 4

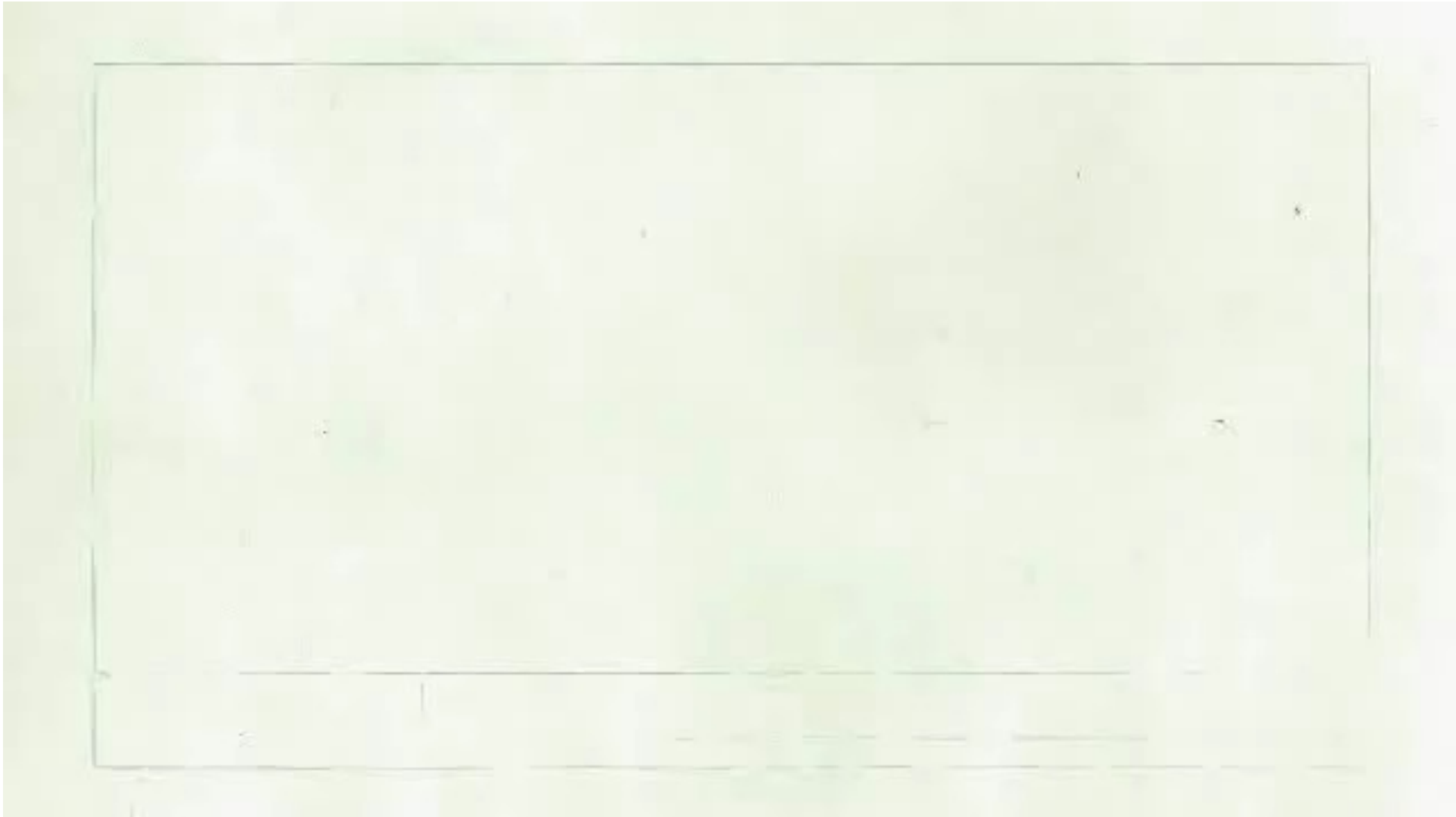
Solar Panels

SOLAR ENERGY

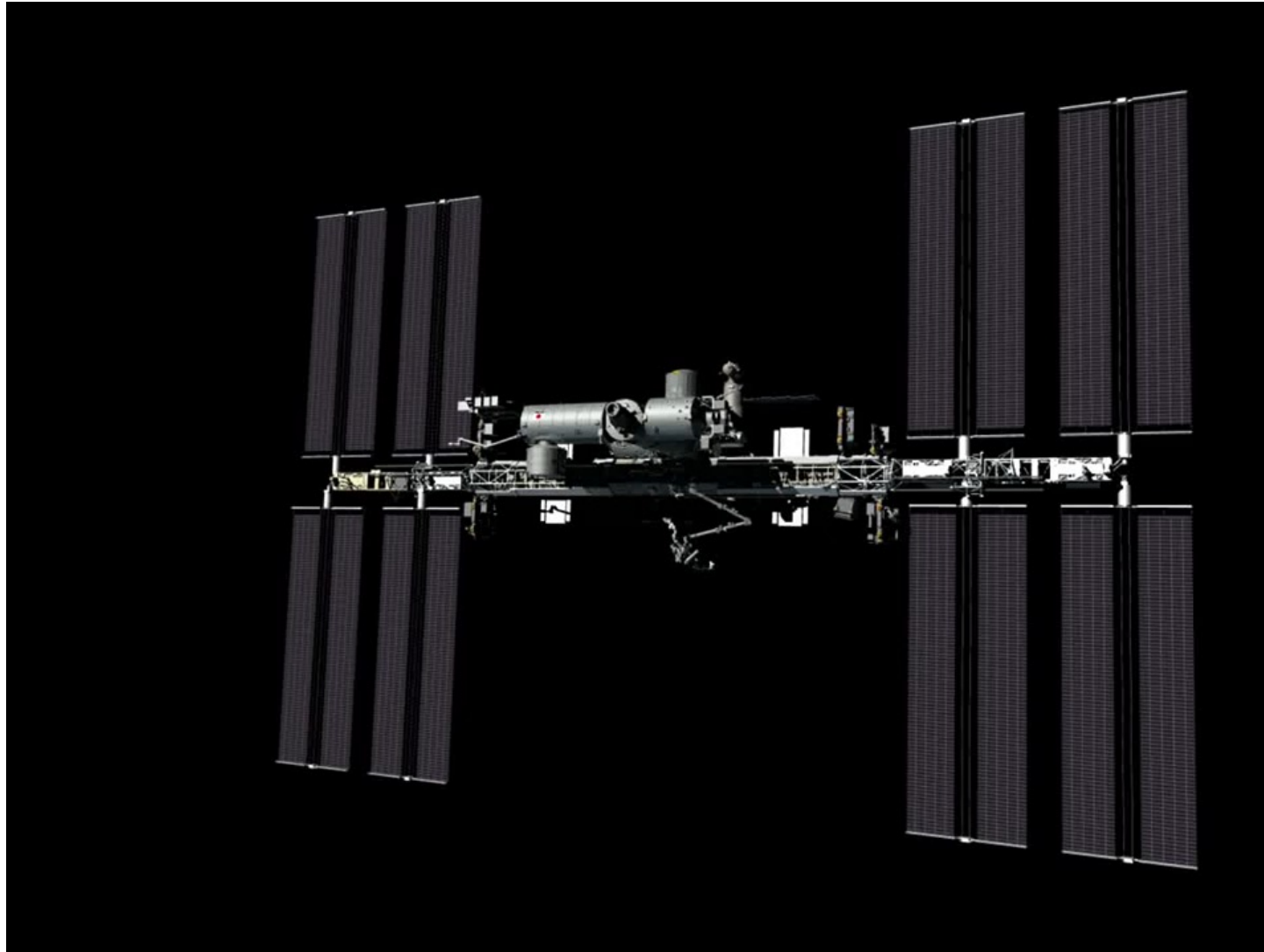
- What is Solar Energy?
 - Energy that is captured from particles of the sun called *photons*.
- How does solar energy benefit the ISS?
 - The ISS has solar panels that move around and absorb the energy from the sun
 - Solar energy is absorbed into lithium batteries that powers the ISS



ENERGY 101: SOLAR PV – VIDEO

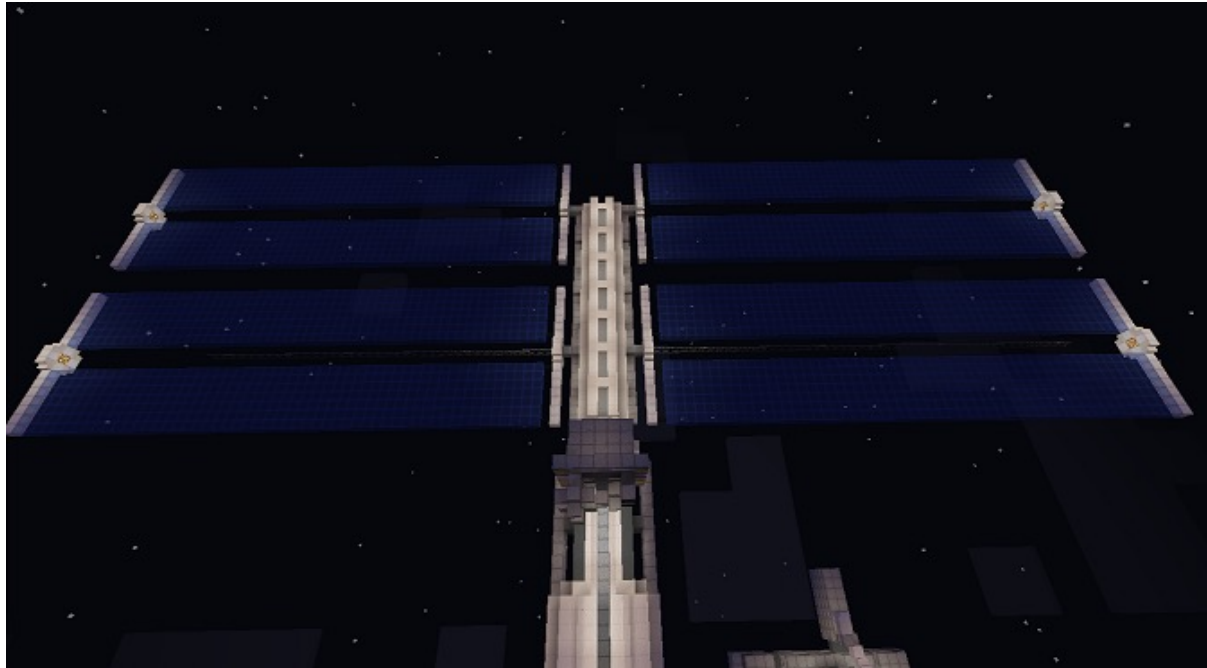


ISS SOLAR PANEL MOVEMENT - VIDEO



STUDENT ACTIVITY

- Build at least four solar panels to power your space station.
- Solar panels must be connected to your space station.
- You may use daylight sensors on your solar panels.



END OF LESSON 4