

Day 1: Reading & Writing Part 1

Practice [greetings](#): Teacher will ask students several questions about their week. Students will provide responses to teacher.

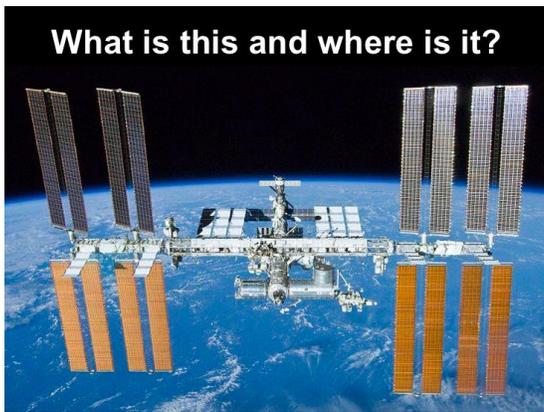
The student will develop and practice vocabulary related to space by learning about the International Space Station. Students will learn the following:

- Name and label the forces acting on a space shuttle
- Know what the international space station is
- Understand why objects in orbit do not fall back down to earth

[Activate prior knowledge](#): Students will try to identify pictures from space using the flashcard set. Teacher will ask questions such as: What's in the middle? (sun) Where do we live? (Earth)

Students will learn key vocabulary words for to be used the next 3 days. Students will review vocabulary through a game.

Earth	Solar System	Galaxy	Comet	Asteroid	Mars
Rocket	Flying Saucer	Alien	Sun	Moon	Jupiter
Stars	Comet	Astronaut	Shuttle	Venus	Uranus
International Space Station		Orbit	Solar System	Mercury	Neptune
Constellation	Space	Telescope	Planet	Rotate	Revolve
Gravity	Un/Balanced	Force	Acceleration	Weight	Mass



What is this and where is it?

Teacher introduces the ISS using the picture slides.

- What is the ISS and where is it?
- How did it get there? (use [Zarya](#) launch video)
- Which forces act on the space shuttle as it is taking off?
- Why doesn't the ISS fall back down to Earth?
- Why doesn't it fly off into space?

Book Project

Students will practice reading a book about in the International Space Station. Students will write a paragraph and illustrate a picture from a scene in the book.

Options: "Max Goes to the Space Station: A Science Adventure with Max the Dog"

"If You Were a Kid Docking at the International Space Station"

"International Space Station"

"A Day on the International Space Station"

Extension: Article

Learn about the impact of the asteroid Apophis.

Closure: Vocabulary Review

