

# ZERO ROBOTICS

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ISS PROGRAMING CHALLENGE

## ISS Facts





You can track the ISS as it moves around the Earth and can even see it in the night sky with just your eyes!

- Sign up for [alerts](http://spotthestation.nasa.gov/) (at <http://spotthestation.nasa.gov/>) from NASA—you will get an email or text message letting you know when the ISS is about to pass over your home.
- [Satellite Flybys](http://spaceweather.com/flybys/) (at <http://spaceweather.com/flybys/>) can tell you where and when the ISS—as well as a number of spy satellites and the Hubble Space Telescope—will be passing by your home. Pretty cool, huh?

## Did You Know?



- The ISS moves about 200 miles above Earth at more than 17,000 miles per hour (that's fast). That means it circles the Earth in just about 1.5 hours! Wow.
- The ISS is as long as an American football field (including end zones) and inside is about the size of a house with five bedrooms.
- Up to six people have lived aboard the ISS continuously since 2000. You can see [who is living aboard the ISS](http://www.nasa.gov/audience/forkids/kidsclub/flash/nowinspace/Archive.html) right now at <http://www.nasa.gov/audience/forkids/kidsclub/flash/nowinspace/Archive.html>



- While there isn't NO gravity on the ISS, there is very little, so it approximates zero gravity; because of this, the ISS is really important for space research.
- The ISS was built and is staffed by five space agencies—NASA (U.S.), Canadian Space Agency (CSA), the Russian Federal Space Agency (Roscosmos), the Japan Aerospace Exploration Agency (JAXA), and the European Space Agency (ESA)