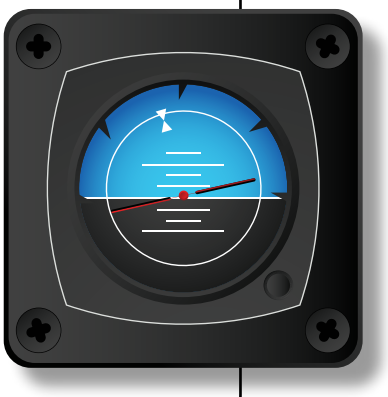
# Engineering is Out of This World!

## Electrical Engineering

NASA is developing a new rocket called the Space Launch System, or SLS. The SLS will be able to carry astronauts and materials, known as payloads. **Electrical engineers** are helping to build the SLS.

**Electrical engineers** design, develop, build, and test electrical systems and electronic equipment. At NASA, these systems are called **avionics**.



Computers play a big role in the avionics system in a spacecraft.

Look at the world around you.

**What tasks do computers help you and your family complete?**

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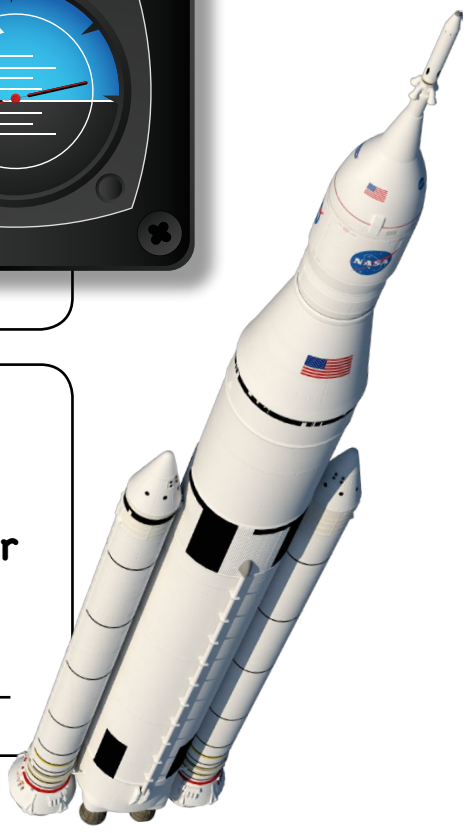

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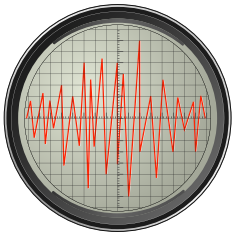
## Did you know?!

Avionics in the SLS will "tell" the rocket where it should go, how it should move its parts, and what path to follow to get itself where it needs to go.

Circle your answers.

**Which of the electronic devices shown have you used?**



NASA has created a robot, a type of electronic device, named Robonaut to help astronauts work in space!

**What tasks do you think a robot could do to help build SLS?**