Space and Satellites

El Espacio y los Satélites



Bilingual Reading & Activities · Lectura y actividades bilingües

Grades 3–5 · Grados 3.º–5.º

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Welcome, Space Explorer!

Did you know that right now, hundreds of machines are flying high above your head, taking pictures of storms, guiding cars, and even getting ready to hold the “cloud”? In this book you will read, play, draw, and write — in English and in Spanish — while you discover the amazing world of satellites.

In this book you will find:

- ★ Reading 1: Satellites — our helpers in the sky (with questions)
- ★ Reading 2: Data centers in space — the big news of 2026! (with questions)
- ★ A bilingual vocabulary page with 10 space words
- ★ A word search and a crossword
- ★ “Draw your satellite” and a writing page: If I had a satellite…
- ★ Fun space facts and a full answer key at the end

You only need a pencil and your imagination. ¡Vamos! — Let's go!

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Satellites: Our Helpers in the Sky

Look up on a clear night. High above the clouds, hundreds of machines are flying around our planet. They are satellites.

A satellite is something that travels around a planet. The Moon is a natural satellite of Earth. The satellites in this book are different: people build them and send them into space with rockets.

Once a satellite is in space, it follows a path called an orbit. It goes around and around Earth, like a race car on a track that never ends.

Satellites work hard every day. Weather satellites take pictures of clouds and storms, and they warn us when a big storm is coming. Other satellites help phones and cars know where they are — that system is called GPS. Some satellites carry TV and phone signals across oceans. Others take photos of farms, forests, and seas so scientists can take care of our planet.

Satellites do not plug into a wall. They get energy from the Sun with big panels called solar panels. And they talk to Earth with invisible signals that travel through space.

The next time you see a bright dot moving in the night sky, wave! It might be a satellite, working just for you.

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Reading 1 — Questions

Answer in complete sentences.

1. What is a satellite?

2. What is the Moon?

3. What is an orbit?

4. Name two jobs that satellites do.

5. How do satellites get energy, and how do they talk to Earth?

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Vocabulary · Vocabulario

satellite · satélite

A machine that travels around Earth and does jobs in space.
Una máquina que viaja alrededor de la Tierra y trabaja en el espacio.

orbit · órbita

The path an object follows around a planet.
El camino que sigue un objeto alrededor de un planeta.

data · datos

Information that computers store and use.
La información que las computadoras guardan y usan.

space · espacio

Everything beyond Earth's sky.
Todo lo que está más allá del cielo de la Tierra.

Earth · Tierra

Our planet, our home.
Nuestro planeta, nuestro hogar.

rocket · cohete

A machine that flies into space and carries satellites.
Una máquina que vuela al espacio y lleva los satélites.

signal · señal

An invisible message that travels through space.
Un mensaje invisible que viaja por el espacio.

computer · computadora

A machine that works with data.
Una máquina que trabaja con los datos.

star · estrella

A ball of hot gas that shines in the night sky.
Una bola de gas caliente que brilla en el cielo de la noche.

Moon · Luna

Earth's natural satellite.
El satélite natural de la Tierra.

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