



Driver Project Path

The Driver's job is to move through the rainforest and finish different missions. Explore the **Project Path** to learn how **aerial technology** like drones are used all over the world. Use what you learn to design your Driver tool.

Driver Role/Game Connection:

Vocabulary Words:

Survey

**Aerial
technology**

Drone

Sensor

Navigate

About Drones



Drones

Drones are flying machines that can take pictures, record videos, and collect information. In the rainforest, drones can **navigate** places that are hard for people to reach, like thick jungle canopies or muddy ground.

Drones can **survey** big areas quickly to help scientists make maps, track animals, and study plants. Some drones have special **sensors** and other tools that can measure temperature, find changes in the forest, or even drop seeds to help new trees grow.

Drones have helped scientists discover new animal species that had never been studied before. They've also made it easier to track illegal activities like poaching which help protect endangered wildlife. In addition, drones allow researchers to monitor rainforest health over time, so they can spot problems early and take action to protect the ecosystem. Using drones helps scientists explore, learn about, and protect the rainforest safely.

Use the guiding questions to continue researching the Project Path. You can use additional resources like trusted educational websites, books, and news articles written for students, videos of expert interviews, and tools provided by your teacher or coach.





How could you use drones or other aerial technology to help the rainforest?

Topic	Guiding Questions
People & Careers	• What kinds of jobs might use drones to study or protect the rainforest? • How might using drones change the way scientists and explorers work in the future?
Technology	• What special tools or attachments can be added to drones to help them explore and complete tasks in the rainforest? • How does using aerial technology make it possible to reach places humans normally can't go in the rainforest?
Impact	• How have drones helped protect endangered animals in the rainforest? • Why is it important that drones monitor rainforest health over time?