

# SCIENCE·3D

## RAINFOREST LIFE

In this packet, sample student answers are provided in **red** and notes to teachers are in **blue**.

In this **Mission Research** activity, students will apply their knowledge to classify plants and animals based on their characteristics. If students have difficulties classifying these animals, you can give them examples of animals they are more familiar with (such as a cat, dog, snake, or sunflower).

**Extend the Lesson:** After students complete this activity, divide the class into groups. Assign each group or each student a type of organism. Have them make a poster that lists the traits of that organism, provide at least five different examples of that type of organism, and shows the places they live. Have students present their posters to the class.



Before we study biodiversity, we need to be able to sort plants and animals into different groups.

1. Fill out Table 1. Use your **Mission Reader** to choose what kind of plant or animal is in each picture. Then, provide evidence for why you chose that type of organism. You can use each type or organism and evidence more than once.




**Type of organism:**

- Pine tree
- Flowering plant
- Invertebrate/Arthropod
- Fish
- Amphibian
- Reptile
- Bird
- Mammal






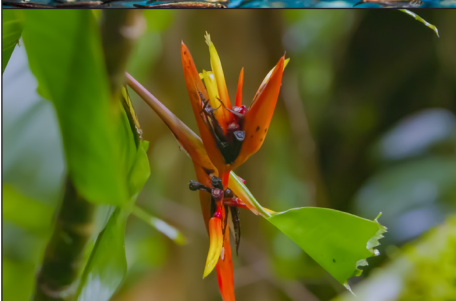
**Evidence:**

- Has no backbone; has jointed legs
- Has gills; body covered with scales
- Has moist smooth skin; eggs have no shell
- Has scaly skin; eggs have soft shell
- Has hair; feeds young milk
- Has feathers; eggs have hard shell; has wings
- Plant; has cones
- Plant; has flowers

**Table 1. Types of organisms**

Organism	Type of organism	Evidence
	<p>Reptile</p>	<p>Has scaly skin; eggs have soft shell</p>
	<p>Invertebrate / Arthropod</p>	<p>Has no backbone; has jointed legs</p>
	<p>Bird</p>	<p>Has feathers; eggs have hard shell; has wings</p>



	<p>Invertebrate/Arthropod</p>	<p>Has no backbone; has jointed legs</p>
	<p>Amphibian</p>	<p>Has moist smooth skin; eggs have no shell</p>
	<p>Mammal</p>	<p>Has hair; feeds young milk</p>
	<p>Pine tree</p>	<p>Plant: has cones</p>
	<p>Fish</p>	<p>Has gills; body covered with scales</p>
	<p>Flowering plant</p>	<p>Plant: has flowers</p>