DESIGN A FROG

- 1. There are over 5,000 species of frogs. They are most commonly found in warm, wet *habitats*, like rainforests, but they can also be found in woodlands, aquatic areas, deserts, and even tundra north of the Arctic Circle! Frogs and toads have skin that is *permeable*, so frogs are sensitive to water loss and absorb environmental pollution.
- 2. Many species of frogs and toads have colorings and patterns that match their surroundings because *camouflage* helps them hide from predators. Poisonous or toxic frogs may be brightly colored to *deter predators*. Some frogs have flash markings to surprise predators when they jump. Their appearance can help them survive.
- 3. Frogs come in many sizes, from the size of your fingertip to the size of a small cat! Many body features such as the length of the body, the ratio of body to legs, the shape of the nose, the type of eyes, and the texture of the skin can vary widely among species. Frogs have a lot of *biodiversity*!
- 4. Frog can make many different sounds too! Frogs have a variety of sounds they can make. These *calls* indicate distress when there is danger or advertise a desire for a mate.

5. Think about these questions:

- Where does your frog live? What is the habitat like?
- Does your frog need to swim, climb, or burrow? How does its body help it do those things?
- What coloring or markings does your frog have? How will these features help your frog survive and thrive?

• How is your frog adapted to its environment? *Flip the page to design your own frog!*

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1. Where does your frog live? Describe its habitat.

2. How will your frog protect itself from predators? Describe its coloring and markings.

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3. What adaptations does your frog need to survive and thrive? Describe its body.

4. Sketch your frog. What does it look like?