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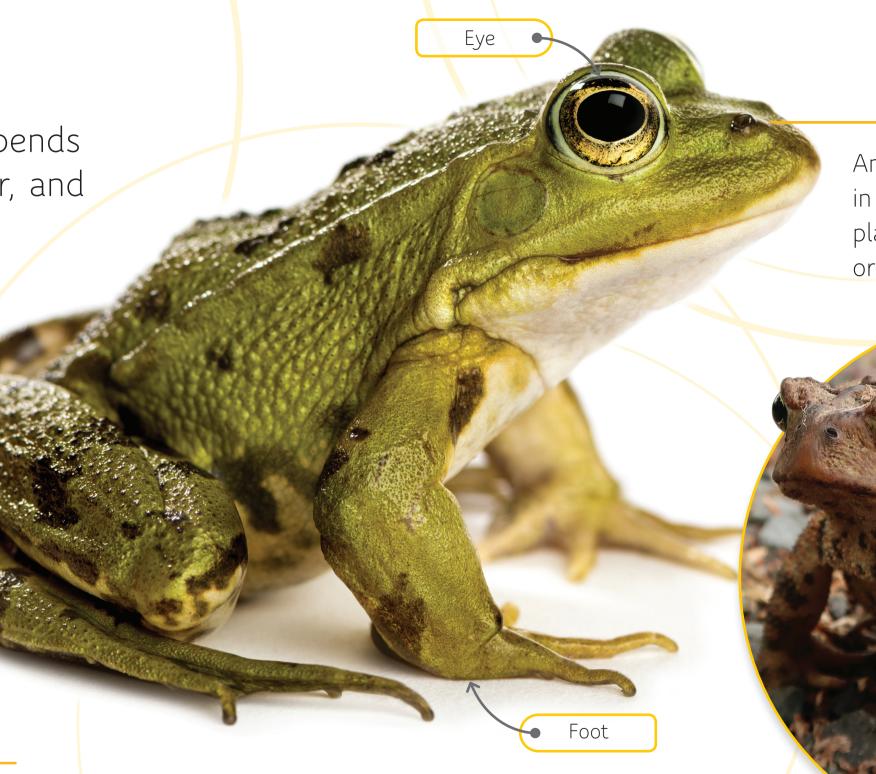
## (ONTENTS

4
6
8
10
12
14
16
18
20
22
23
ers 24



A frog is an **amphibian**. It spends part of its life living in water, and part of its life on land.

Toads and newts are also amphibians. Toads walk or crawl, but frogs jump.



A newt has a long, thin body and a tail.

Most toads have bumpy skin.

Common frogs have smooth, damp skin and golden eyes.

Amphibians lay their eggs in water. They live in wet places, often near ponds or lakes.









The adult frogs swim away. They do not take care of the eggs.

Many of the eggs are eaten by fish and other pond animals. But some survive, and their tadpoles keep growing.

A female frog may lay hundreds of eggs at a time.

After a few weeks, the eggs hatch. They open up and a tadpole wriggles out of each one.



## TINY TADPOLES

Tadpoles are tiny when they hatch, but they quickly grow.

Each tadpole has a long tail, which it uses to swim. It has feathery **gills** on either side of its head. A tadpole uses gills to breathe underwater.

To begin with, tadpoles just eat small, green water plants.

Tadpoles eat and grow. They grow faster when they live in warm water with plenty of food.

Tail

After a few weeks, the gills have disappeared. Now the tadpoles can eat pond animals, such as insects and water fleas.



When they are about seven weeks old, tadpoles begin to change into frogs.

They grow four legs and their tails shrink. They swim to the surface of the pond to breathe air.

The tadpole's back legs grow first. As its legs grow longer, the tail grows shorter.

Then its front legs begin to grow.

The tadpoles now look like tiny frogs and they can leave the pond.

By the time it is 12 weeks old, the tiny frog is about 1 1/4 inch (3 cm) long.





Adult frogs spend most of their time on land.

Frogs rest during the day. In the evening they hunt for insects, slugs, and worms.

Many frogs have green, gray, or brown skin. It is hard to see them when they sit still on plants, or under a pile of dead leaves. This is called **camouflage**.

catch food with their long tongues.

Tongue

Frogs can make

huge leaps to

Camouflage helps a frog to hide from animals that want to eat it.

## NOTES FOR PARENTS AND TEA(HERS

- Look through the book and talk about the pictures.
- Teach children how to stay safe while investigating animals and their life cycles, especially when they are around water.
- Teach children how to observe and, if appropriate, handle animals with care. They should observe animals in their natural environment, without disturbing wildlife and their habitats.

  Frogspawn should not be moved from one pond to another, as this allows viruses and other diseases to spread.

- Draw the life cycle of a frog and label the different stages together.
- Visit a wildlife garden or park together and learn about pond habitats. Talk about the ways that a habitat provides an animal with the food and shelter it needs to survive. Find out which other animals live in a pond habitat.
  - Be prepared for questions about human life cycles. Talking about a child's family helps them to link life processes, such as reproduction, to their own experience. Drawing simple family trees and looking at photo albums are fun ways to engage young children.