



Pond Water and Pollywogs

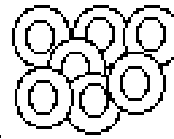
The Eggs Have Arrived!

On April 20 our frog eggs arrived. Samantha's dad collected the eggs from the Grove Park Pond in Washington Grove.

He collected the eggs in a large water cooler over the past week and they will stay there until we finish setting up the aquarium.

We are all very ex-

cited to watch what will happen to the eggs over the next few weeks! Please come and visit our new friends them develop with us.



Frog eggs

Miss Shapiro's First Grade Class

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Fun Frog Facts:

- ☺ Frogs eat bugs.
- ☺ Frogs and toads are cousins.
- ☺ Frogs don't give you warts.
- ☺ Frogs are cold-blooded.

What Is a Frog?

A frog is a cold-blooded animal. A frog spends part of its life in water. An animal that lives part of its life in the water and part

of its life on land is called an *amphibian*. A toad is also part of the amphibian family.

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Creating the Best Habitat for Our Frogs

Frogs start their lives in water. When Samantha's dad collected the eggs from Grove Pond he also collected some of the water. Water is important to the tadpoles when they hatch because they don't have lungs yet. The



Adult Tree Frog

frogs breathe through

gills just like fish. We tried to make our aquarium look like a small pond. We put some large rocks and some sticks in the aquarium. The rocks will give the tadpoles a place to hide when they hatch.

What Does a Frog Eat?

Different frogs eat different things. Most frogs eat small insects, like crickets and flies. Some frogs eat grasses and flowers. The African Bull

Frog eats small animals called *rodents*. A rodent is an animal like a mouse or a rat.

eat goldfish food until we release them into the courtyard pond at our school.

When our eggs hatch, they will be tadpoles. Our tadpoles will

What Will Happen? Next?

After we have set up the aquarium for the frog eggs, we will have to wait for them to hatch. When they hatch, they will look

like little fish. They will have long tails. They will breathe through gills. The tadpoles will live underwater until they have

grown back and front legs. Once the frogs are adults, we will put them back in the pond to live.

Is a Frog a Good Pet?

A frog can be a very good pet if you remember some rules.

First, always wash your hands after handling a frog.

Second, when you pick a frog, make sure that you know what kind of frog it is.



Frogs eat grasshoppers.

Third, remember that frogs are not like a dog or a cat. Frogs

don't like to cuddle or give hugs.

Last, frogs eat live bugs, so you need to make sure that you can get them easily. Also, you need to know what kind of a habitat your frog needs. Usually frogs need a wet environment.

Can Frog and Toad Be Friends?

In book club, we read *Frog and Toad Are Friends* by Arnold Lobel. This book is fiction. There are different stories about Frog

and Toad's adventures. There is a story about Toad losing a button. In another story, Toad gets a headache trying to think of a story to

tell Frog. It is a very funny book.

Sarah says, "Toad is my favorite character. He is funny."

Frogs and Toads—Are They the Same?

Frogs and toads are amphibians. They lay their eggs in water. Frog and toad tadpoles live in the water until they have grown their



front and back legs. Frogs live near or in the water. Toads live on land and lay their eggs in water. Toads have drier skin with bumps. Frogs have smooth skin. Frogs have long legs for

hopping. Toads have short legs for walking.

All toads are frogs but not all frogs are toads.

Miss Shapiro's First Grade Class

This newsletter was created by the students in Miss Shapiro's homeroom class. All information for the newsletter was researched by the students with the help of the Internet, Encarta encyclopedia, text-books, and Miss Shapiro. We have learned a lot of stuff about frogs and only some of it has been shared in our newsletter. Please come

visit us and our frogs so you can learn more too.



Interesting Frog Web Sites

All About Frogs for Kids and Teachers
www.kiddyhouse.com/themes/frogs

Exploratorium: Frogs
www.exploratorium.edu/frogs

Frog WebQuest
www.geocities.com/shapirli

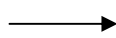
Frogland!
<http://allaboutfrogs.org/frogInd.shtml>

The Somewhat Amusing World of Frogs
www.csu.edu.au/faculty/commerce/account/frogs/frog.htm

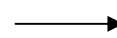
The Life Cycle of a Frog



First the eggs are laid and then hatch.



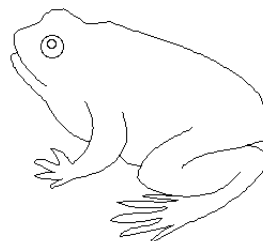
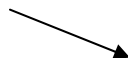
Then the pollywog is born and spends its time swimming, eating, and growing. It breathes using



Next, the tadpole sprouts legs (and then arms), has a longer body, and has more of a head. It still breathes using gills and has a tail.



Now the almost mature frog breathes with lungs and still has some of its tail.



Finally, the adult frog breathes with lungs and has no tail because it has been absorbed by the body.