

A close-up photograph of a vibrant green tree frog perched on a thick, moss-covered branch. The frog's skin is a bright, uniform green, and its large, prominent eyes are a light brown color. The frog is facing slightly to the left of the frame. The background is a soft, out-of-focus grey, which makes the frog stand out. The text 'Frog Life Cycle' is overlaid in the center of the image in a large, bold, black font.

# Frog Life Cycle

# Metamorphosis

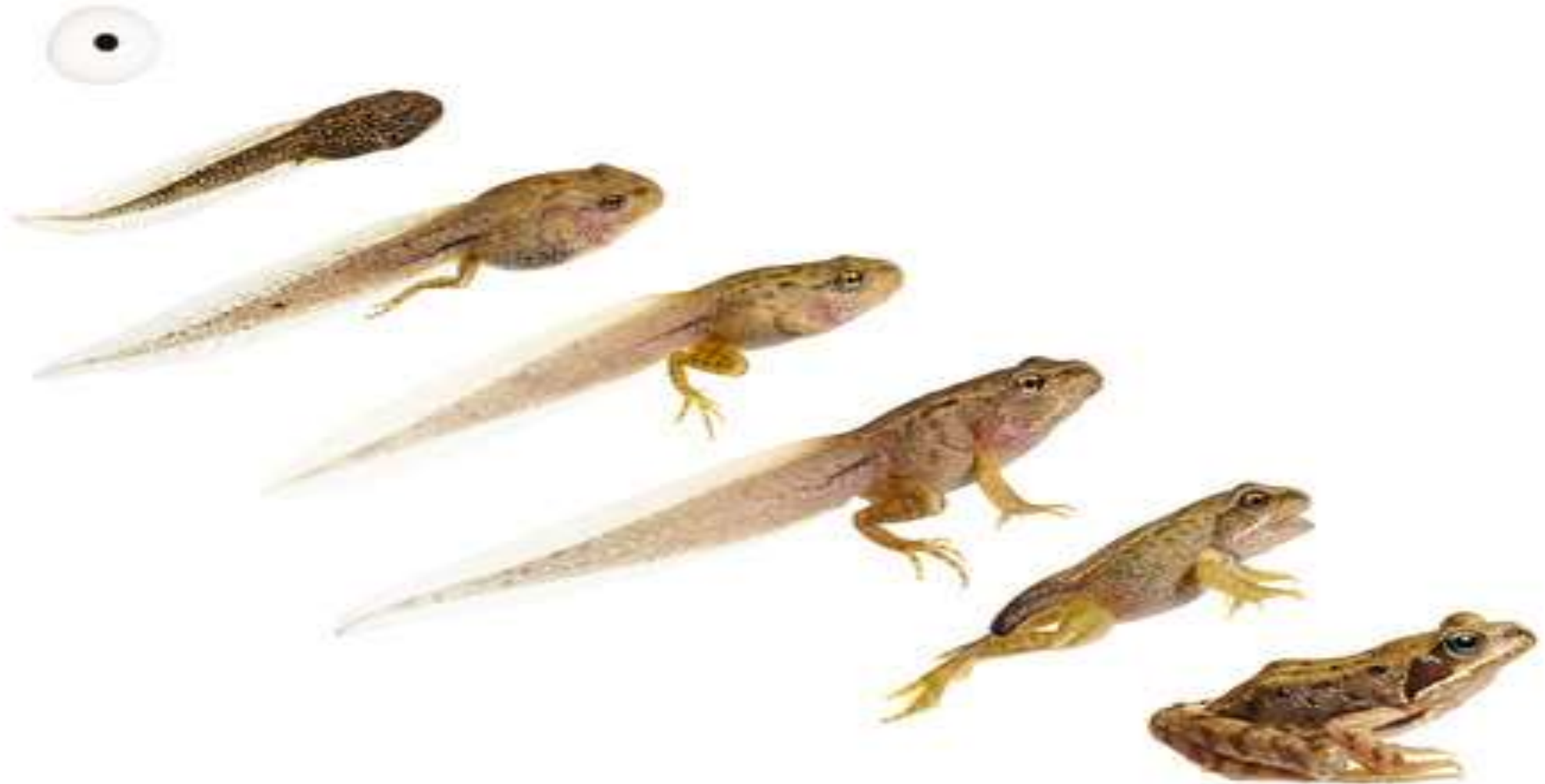
- Metamorphosis is a major **change** in the body form of an animal during its life cycle.



metamorphosis



metamorphosis

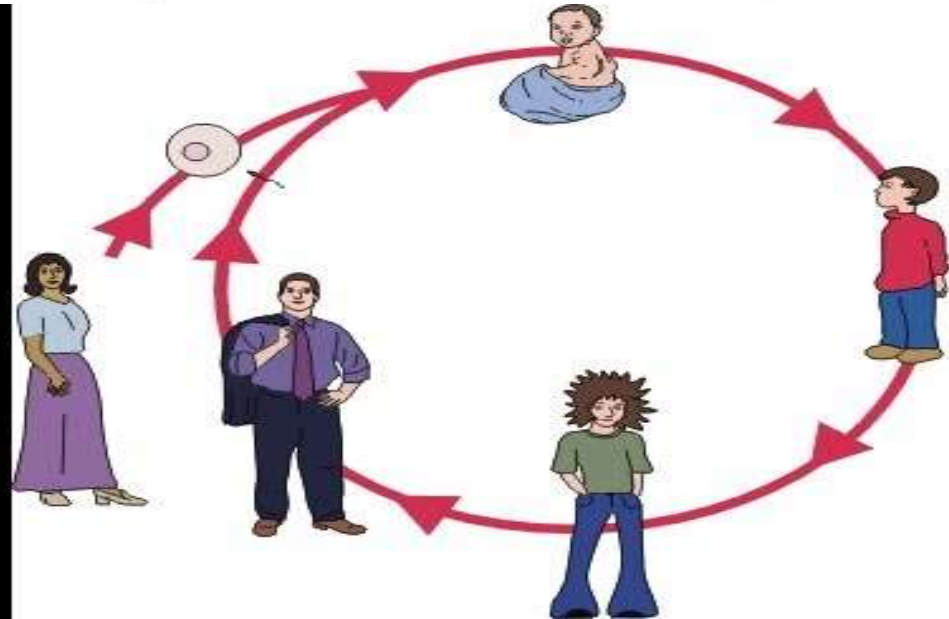
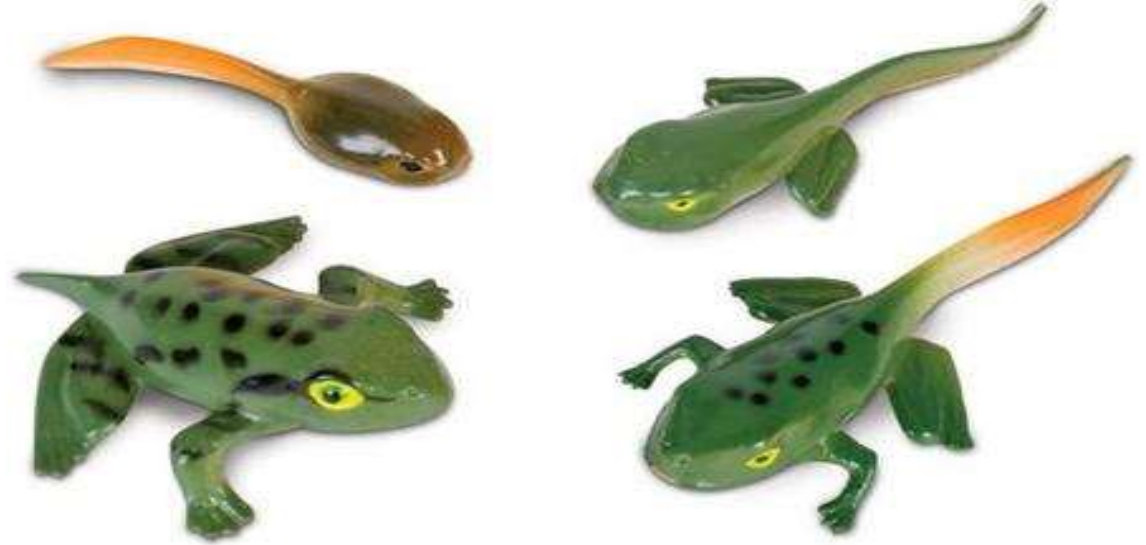


Animals other than the frog undergo metamorphosis



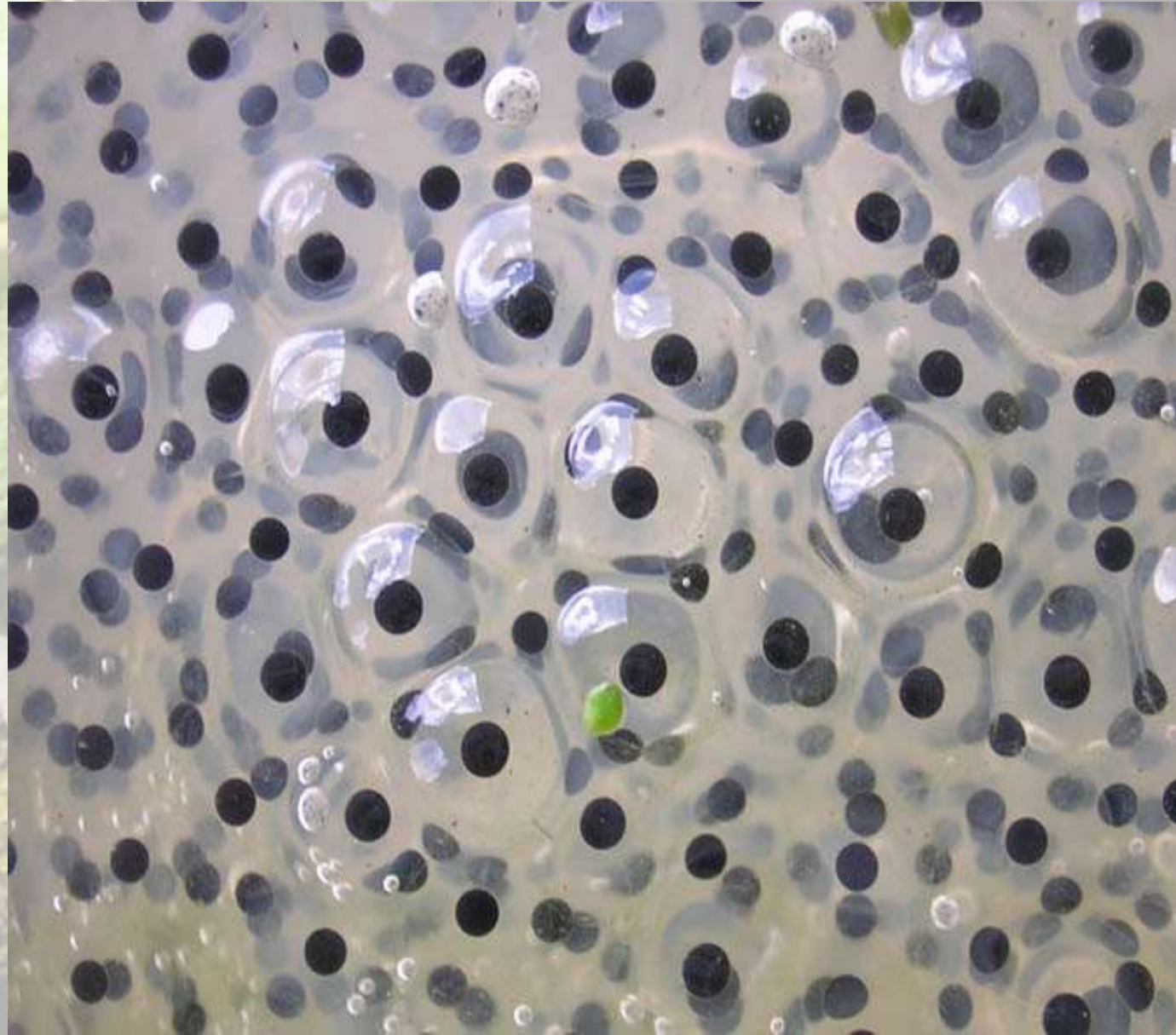


Which pictures show **metamorphosis**?



# Frog Life cycle

- **Stage 1**
- Egg mass
- frog eggs are found all stuck together. They are usually in the water of a pond or marsh.







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# Stage 2: Tadpole

- A tadpole is an **immature** frog that must live in the water.
- It hatches from an egg.
- It has **gills** and a **long tail**.
- It breathes and swims like a fish.
- It looks very **different** from its parents.





# Tadpole





# Stage 3: tadpole with legs

- After about **five** weeks, the tadpole starts to change.
- Tiny buds beside the tadpole's tail grow into little **hind legs**.



# Tadpole with hind (back) legs



## Stage 3: tadpole with legs (froglet)

- After the hind legs appear, a tadpole develops **front** legs.
- Still a tadpole, this young frog has **four legs** now.
- Its **tail** will soon **disappear**.
- Its lungs are almost completely developed.





Tadpole with 4 legs (Froglet)



## Stage 4: Adult frog

- This frog has **fully developed legs and lungs**.
- There are **no gills** and **no tail**.
- It's an **adult!**







# Frog Life cycle





# Frog Life Cycle

A frog is sitting beside a pond, croaking loudly. How did it get there? How has it changed?

**Active Reading:** As you read these two pages, circle words that name stages in the frog's life cycle.

Early in the spring, many frogs wake from hibernation and begin to croak. They are looking for mates. Before long, the pond's water is filled with eggs. Look closely at the photo of a clump of frog eggs. You will see tiny black specks. One day, each speck will grow into a frog as big and green as the one on this page. As a frog develops, its entire appearance changes. Metamorphosis [met•uh•wɔːr•fuh•sɪs] is a major change in the body form of an animal during its life cycle.

## Leopard frog

The leopard frog goes through a series of changes after it hatches as a tadpole.



### 1 Egg mass

Frog eggs are found all stuck together. They look like a cloud of eggs. They are usually in the water of a pond or marsh.





**2**

### Tadpole

A tadpole is an immature frog that must live in the water. It hatches from an egg. It has gills and a long tail. It breathes and swims like a fish. It looks very different from its parents.

## Life Cycles

How is the life cycle of a frog different from the life cycle of an ostrich?

The young ostrich looks like its parents, only smaller. The young frog is a tadpole, and it looks very different from an adult frog.



**4**

### Adult frog

This frog has fully developed legs and lungs. There are no gills and no tail. It's an adult!

### **3- froglet**

After about five weeks, the tadpole starts to change. Tiny buds beside the tadpole's tail grow into little hind legs.



### **3- froglet**

Still a tadpole, this young frog has four legs. Its tail will soon disappear. Its lungs are almost completely developed.