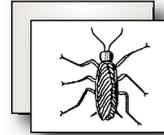


kids' kreation



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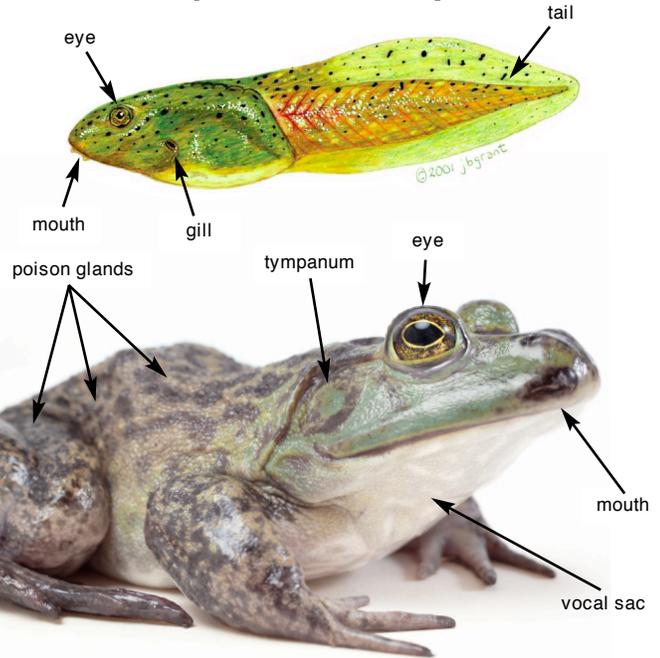
“A Tale of Two Lives”

The miracle of amphibian transformation

DID YOU KNOW THAT ...

- Jesus made a tadpole's teeth out of chitin (KI - tin), the same substance He uses to make the exoskeletons of insects and spiders?
- the Australian rocket frog (*Litoria nasuta*) can leap more than six feet (two meters)? This would be like you jumping greater than 100 feet (33 meters) from a standstill.
- frogs greatly vary in size from tiny ones found in Brazil & Cuba, measuring one-half inch (10 mm) in length, to the mammoth goliath frog of Cameroon that is 13 inches (33 cm) long?!
- our Lord Jesus arranged the internal organs of a frog in a way similar to that of a human? Dissecting a preserved frog will give you an idea of just how *fearfully and wonderfully* you are made by God (Psalm 139:14).

Tadpole anatomy



Frog anatomy



Adult

Most amphibians lay their eggs in water or moist spots on land.

Eggs



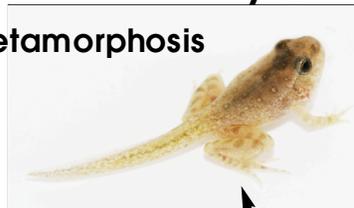
Amphibian Life Cycle

The eggs hatch into teardrop shaped creatures that start life with gills, but no legs.

Tadpole



Metamorphosis



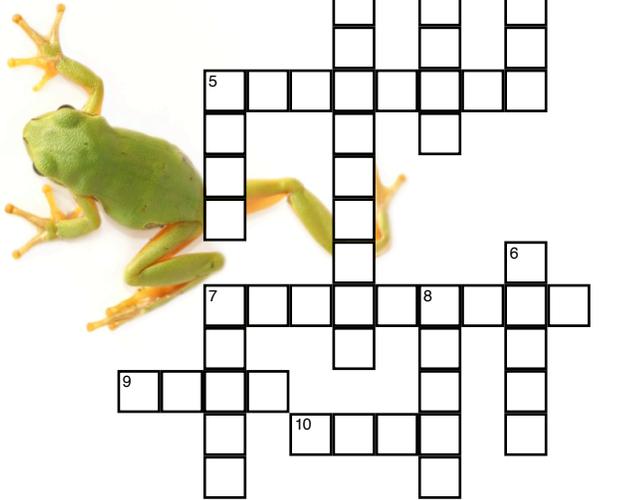
Tadpoles eventually absorb their tails, grow limbs, lose their gills, and develop lungs.



Tadpole drawing—USGS
 Treefrog—2009 © Amanda Cotton
 Bullfrog—2009 © Jim Jurica
 Wood frog—2009 © Carolina Smith
 Eggs—Upper Susquehanna Coalition
 Yellow Frog—brian.gratwicke/Flickr.com
 Froglet—2010 © Daniela Agius
 Tadpole—brian.gratwicke/Flickr.com
 Treefrog—2010 © Miroslaw Kijewski
 Frog eye—cayobo/Flickr.com
 Frog eye—brian.gratwicke/Flickr.com
 Frog eye—Radu P/Flickr.com
 Frog eye—HerpShots/Flickr.com

CROSSWORD

The words used in the CROSSWORD are taken from the article found in *CREATOR* Vol 16 Num 3.



Answers to CROSSWORD found in
kids' kreation #67

Down: 1. BRITAIN 2. OZONE 4. PLANTS
5. RAFFLESIA 6. ARSENIC 9. SMELLS
Across: 2. ODORS 3. AROMA
4. PONDEROSA 7. EARTH 8. FACE
10. SULFIDE

Down

1. Most amphibians start life as a _____ or pollywog.
3. Amphibians secrete _____ from their skin to prevent infections.
4. A frog or toad species can usually be identified by the _____ that males sing.
5. Some female toads lay up to 20,000 _____ at a time—in long strings.
6. "Sing to the LORD a new song; sing to the LORD, all the _____" (Psalm 96:1 NIV).
7. The largest salamanders (up to six feet long/1.8 meters) are found in _____ and Japan.
8. Many salamanders have no _____—they breathe through their skin.

Across

2. The effort a male frog exerts as he worships his Creator is equal to a person running a _____.
5. Believe it or not, frogs use their _____ to help swallow food!
7. A _____ (pronounced see - SIL - ee - an) is an amphibian that lacks legs and looks like an earthworm.
9. In God's mercy, Jesus paints the _____ of poison frogs with bright, vibrant colors
10. Anuran is a scientific term for a _____ or toad.

Frog Eyes—Revealing the Artistry of Christ Jesus

