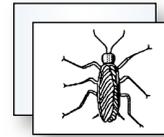


kids' kreation



© 2014 by HIS CREATION

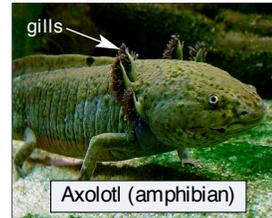
76

FISH

Unique creatures of a unique God

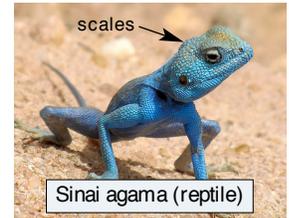
What is a fish? ... an animal with gills, fins and scales, which lives its life in water? Many amphibians have gills and live in water. Reptiles have scales. Dolphins and whales—which are mammals—have fins. A fish is an animal our Lord Jesus made that looks and acts like a fish.

LoKileCh

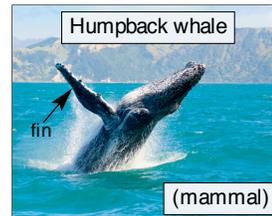


Axolotl (amphibian)

Ester Inbar



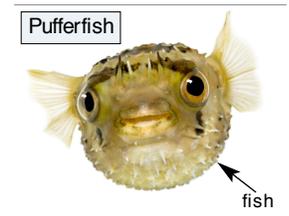
Sinai agama (reptile)



Humpback whale

(mammal)

© KonArt / iStockphoto



Pufferfish

fish

© GlobalIP / iStockphoto

Not all animals called "fish" are fish.

Mark Walz



starfish

Nick Hobgood

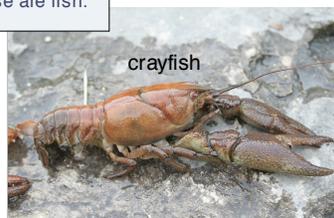


cuttlefish

None of these are fish.



shellfish



crayfish

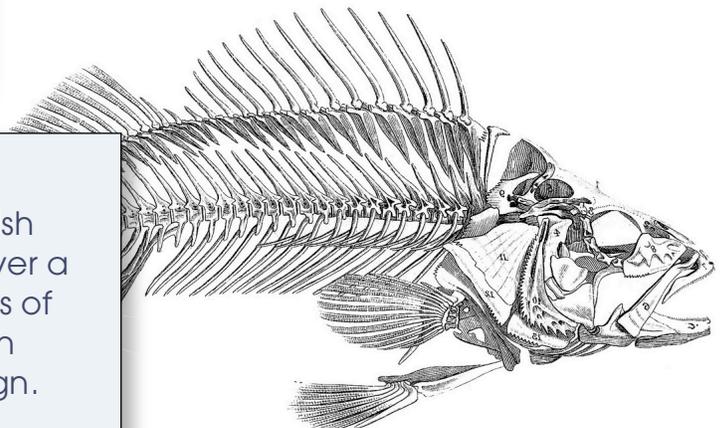
Wikimedia: pinay06

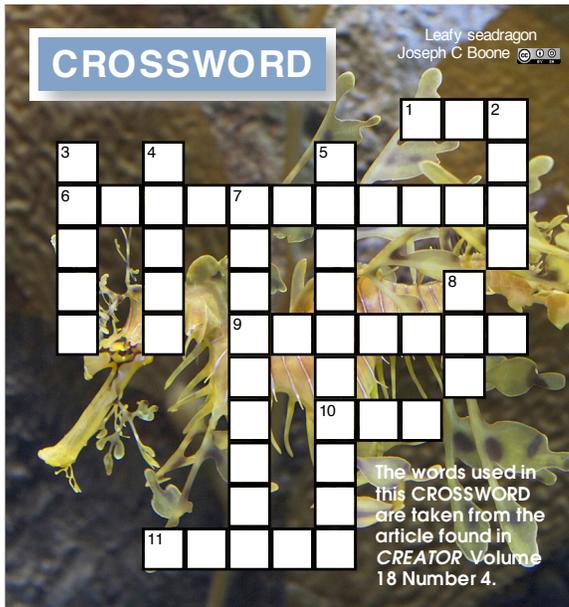
David Gerke

DID YOU KNOW?

- The fastest fish is the Pacific sailfish (*Istiophorus platypterus*). It can swim 68 mph/110 kph.
- A male toadfish (*Porichthys notatus*) can sing at 100 decibels—it sounds like a ship's horn!
- A swordfish has no scales.
- Some sharks continue to swim even as they sleep (their spinal cord takes over).
- The biggest fish is a whale shark (*Rhincodon typus*). It can weigh 37 tons.
- Rougheye rockfish (*Sebastes aleutianus*) can live 200 years.
- A young bony fish is called a "fry."
- A young shark is called a "pup."

Christ's design of fish skeletons is absolutely amazing! Our bodies contain 216 bones; fish have many more. Some bony fish have over a hundred bones in their skull alone. The skulls of most fish are extremely complex, and each species of fish has its own unique skull design.





Answers to CROSSWORD found in **kids' kreation #75**

Down: 1. PRESSURE 2. OCEANOGRAPHERS
4. TEMPERATURE 6. GLORY
8. ENERGY 9. SALT

Across: 3. SEVENTY 5. HEIGHT 7. TSUNAMI
9. SONAR 10. ROGUE 11. BASALT
12. FREEZES

Down

2. Cartilaginous fish include sharks, _____, and skates.
3. The _____ of a fish extract tiny amounts of oxygen from water.
4. The fins of a _____ are stiff, and act like the rudder and the keel of a sailboat.
5. We see Christ's sovereign love and _____ through the ways He protects fish from danger.
7. A fish that eats only plants (algae, fruits, nuts) is called a _____.
8. An _____ can absorb oxygen into its body directly through the skin.

Across

1. Water is 800 times denser than _____.
6. The study of fish is known as _____.
9. The swim _____ is an air-filled sac that allows a fish to remain at a certain water depth.
10. Saltwater fish are constantly losing water because of the high concentration of salt in the _____.
11. God produces a _____ color in the moray eel by covering its blue skin with yellow mucus.

Amazing fish shapes Christ created



Sunfish—lIse Reijs/Jan-Noud Hutten
Lion fish—© sergeyskleznev / iStockphoto
Cowfish—© GoodOlga / iStockphoto
Triggerfish—© lysh2006 / iStockphoto
Sea horse—© Scorpion_PL / iStockphoto
Arawana—Qwertzy2
Angelfish—© sergeyskleznev / iStockphoto
Mudskipper—© EarnestTse / iStockphoto

FAMILY ACTIVITY: Exploring the inside of a fish

As a family, obtain a freshly caught fish from a fisherman or buy a preserved specimen at:
<http://www.hometrainingtools.com/preserved-specimens/c/139/>

There are many youtube videos that will walk you through fish dissection. The following is one suggestion:
<http://www.youtube.com/watch?v=Vlx8gyd7rsg>

A written step-by-step dissection of a salmon can be found at: <http://www.pskf.ca/sd/>

A fish anatomy coloring activity can be found at: <http://www.biologycorner.com/worksheets/fishcolor.html>

When we study a fish's anatomy we peer into the mind of our Creator, revealed in the way He has made fish.