

ZOO

HMM. THERE DOESN'T SEEM TO BE MUCH HAPPENING AROUND HERE.

OH, YOU'RE MISTAKEN, SCORPY. TAKE A CLOSER LOOK ...

THESE ANIMALS ARE **AMPHIBIANS**. THEY ARE FOUND ALL OVER THE WORLD EXCEPT IN ANTARCTICA. THEY LIVE IN FRESHWATER **HABITATS** SUCH AS PONDS, SWAMPS, AND STREAMS. LIKE FISH, AMPHIBIANS HAVE MOIST, HAIRLESS SKIN. BUT UNLIKE FISH, THEY CAN LIVE ON **BOTH** LAND AND WATER.



WHAT'S THE DIFFERENCE BETWEEN THESE TWO CRITTERS?

FROGS HAVE LONGER AND STRONGER HIND LEGS USED FOR JUMPING.

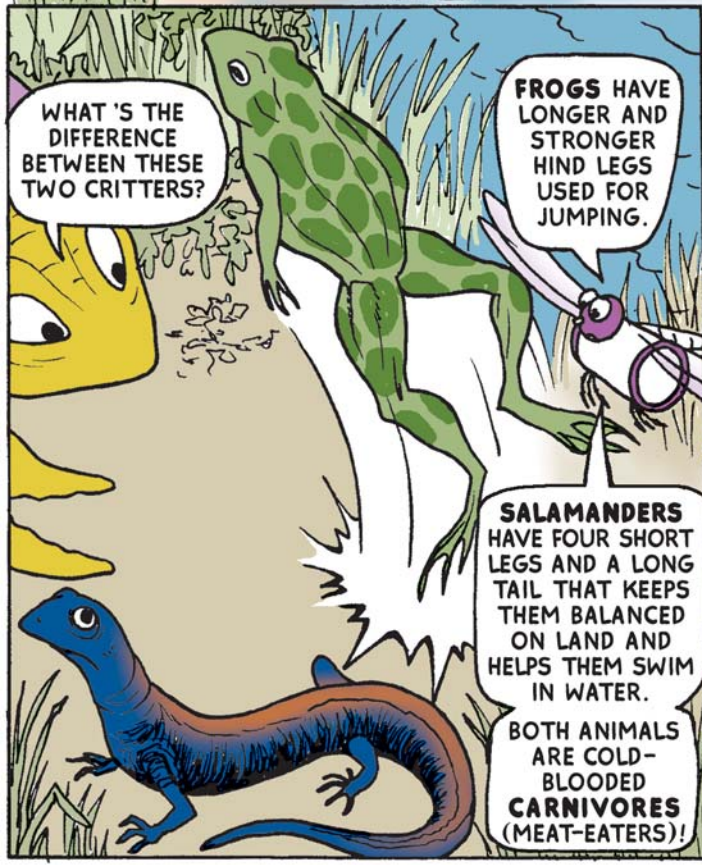
SALAMANDERS HAVE FOUR SHORT LEGS AND A LONG TAIL THAT KEEPS THEM BALANCED ON LAND AND HELPS THEM SWIM IN WATER. BOTH ANIMALS ARE COLD-BLOODED **CARNIVORES** (MEAT-EATERS)!

I GUESS AMPHIBIANS ARE THE KINGS OF THE POND?

AMPHIBIANS HAVE PREDATORS, TOO. SMALL MAMMALS, BIRDS, LIZARDS, SNAKES, AND TURTLES LOVE TO EAT THEM. AMPHIBIANS DO HAVE PROTECTION - FOR EXAMPLE, A SALAMANDER'S TAIL BREAKS OFF WHEN A PREDATOR GRABS IT. (DON'T WORRY, THE TAIL GROWS BACK LATER!)

SO THIS POND IS A HOPPING PLACE AFTER ALL.

YOU BET! NOW LET'S VISIT SOME MORE ANIMALS...

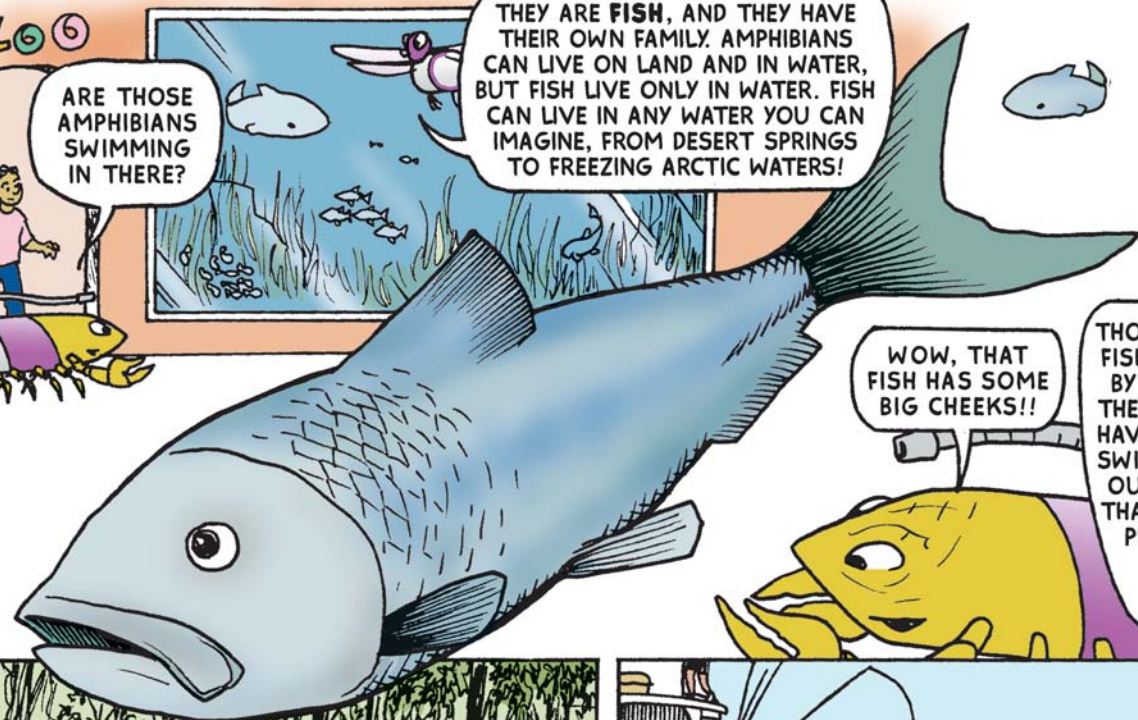


ARE THOSE AMPHIBIANS SWIMMING IN THERE?

THEY ARE FISH, AND THEY HAVE THEIR OWN FAMILY. AMPHIBIANS CAN LIVE ON LAND AND IN WATER, BUT FISH LIVE ONLY IN WATER. FISH CAN LIVE IN ANY WATER YOU CAN IMAGINE, FROM DESERT SPRINGS TO FREEZING ARCTIC WATERS!

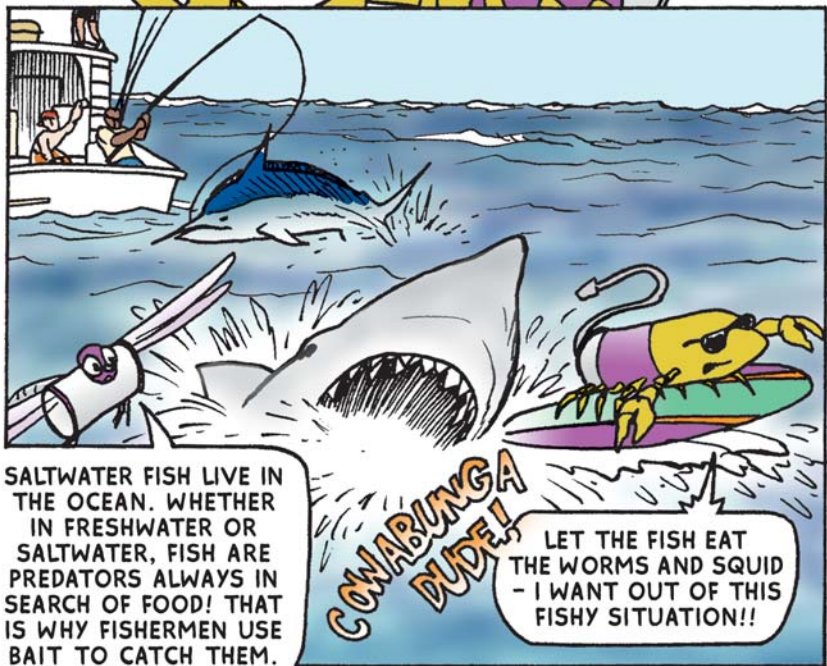
WOW, THAT FISH HAS SOME BIG CHEEKS!!

THOSE ARE **GILLS** THAT HELP FISH BREATHE UNDERWATER BY TAKING OXYGEN FROM THE WATER. MOST FISH ALSO HAVE **FINS** THAT HELP THEM SWIM AND **SCALES** ON THE OUTSIDE OF THEIR BODIES THAT PROTECT THEM FROM PREDATORS. THE FISH'S STREAMLINED BODY MOVES IT QUICKLY THROUGH WATER.



FISH CAN BE DIVIDED INTO TWO CLASSES: **FRESHWATER** AND **SALTWATER**.

MANY KINDS OF FRESHWATER FISH LIVE IN RIVERS AND LAKES.



SALTWATER FISH LIVE IN THE OCEAN. WHETHER IN FRESHWATER OR SALTWATER, FISH ARE PREDATORS ALWAYS IN SEARCH OF FOOD! THAT IS WHY FISHERMEN USE BAIT TO CATCH THEM.

CONABINGA DUDE!

LET THE FISH EAT THE WORMS AND SQUID - I WANT OUT OF THIS FISHY SITUATION!!

WOW - THAT THING IS HUGE!!

ZOO

THIS IS A **TORTOISE**. SCORPY. HE LIVES MOSTLY ON LAND. THE GALAPAGOS ISLANDS ARE HOME TO THE LARGEST TORTOISES IN THE WORLD. THEIR SHELLS ARE FORMED FROM FLAT BONES CONNECTED TO THEIR SPINAL COLUMN AND RIBS. THIS HOME PROTECTS THEM FROM PREDATORS.

TORTOISES AND TURTLES ARE **REPTILES** - COLD-BLOODED VERTEBRATES HATCHED FROM AN EGG. THEY BREATHE AIR WITH LUNGS AND HAVE TOUGH, DRY SKIN COVERED WITH SCALES. THERE ARE FOUR GROUPS OF REPTILES ...

1 TURTLES LIVE MOSTLY IN WATER. TURTLES ARE **HERBIVORES** (PLANT-EATERS).

NICE WAY TO GET A SUNTAN.

2 LIZARDS HAVE SLENDER BODIES THAT TAPER TO A TAIL. MOST LIZARDS HAVE FOUR LEGS WITH CLAWED TOES TO HELP THEM CLIMB TREES AND LOGS. SOME LIZARDS ARE HERBIVORES, SOME ARE **CARNIVORES** (MEAT-EATERS).

HE LOOKS LIKE A TURTLE WHO LOST HIS SHELL.

3 SNAKES ARE FOUND ON ALMOST EVERY CONTINENT AND CAN LIVE IN FORESTS, LAKES, AND DESERTS. THESE CARNIVORES EAT MICE, RATS, FROGS, AND BIRDS. THEY GLIDE ON THE GROUND USING SCALES AND MUSCLES.

HE LOOKS LIKE A LIZARD WHO LOST HIS LEGS!

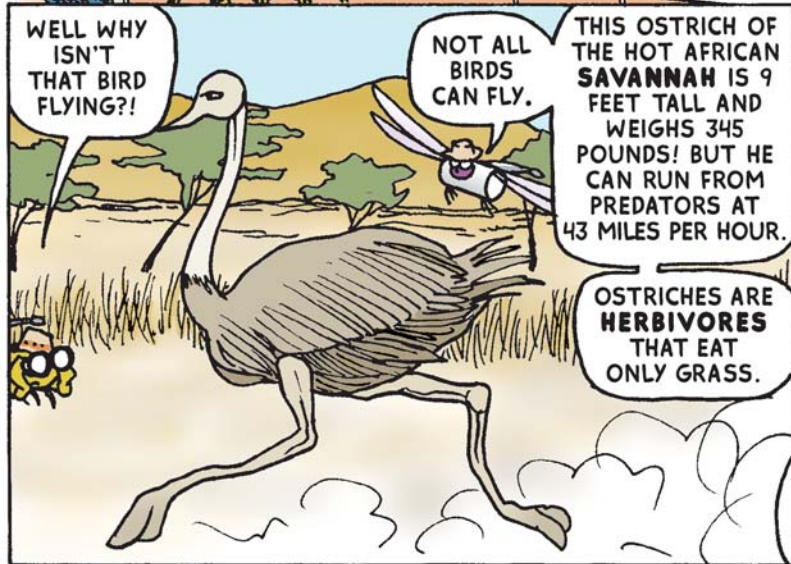
4 ALLIGATORS WITH BROAD, ROUNDED SNOUTS CAN BE FOUND IN COOLER FRESHWATER SWAMPS AND LAKES AND CAN BE 20 FEET LONG! **CROCODILES** LIVE IN TROPICAL AREAS AND HAVE LONG, TRIANGULAR SNOUTS. BOTH OF THESE CARNIVORES EAT FISH, FROGS, SNAKES, TURTLES, BIRDS, MAMMALS...

Yikes!
LET'S GO BEFORE THEY EAT ME!



I LOVE WATCHING BIRDS!

DID YOU KNOW BIRDS ARE THE ONLY ANIMALS WITH FEATHERS? FEATHERS HELP THEM FLY AND KEEP WARM - ALL OVER THE WORLD ...

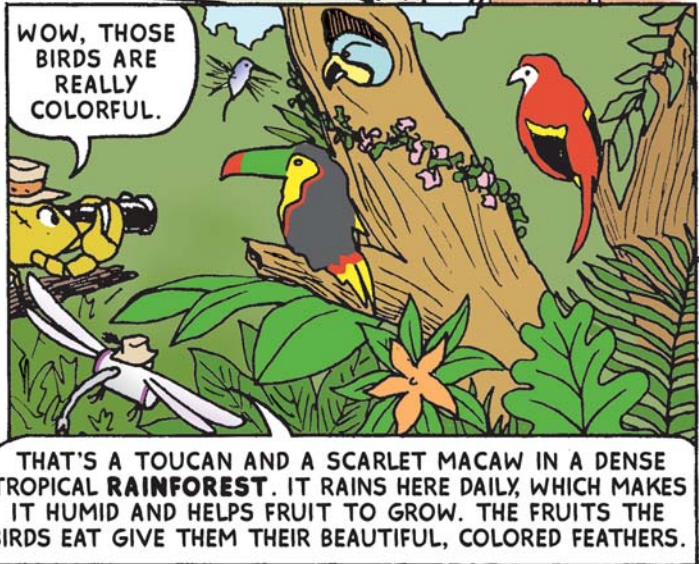


WELL WHY ISN'T THAT BIRD FLYING?!

NOT ALL BIRDS CAN FLY.

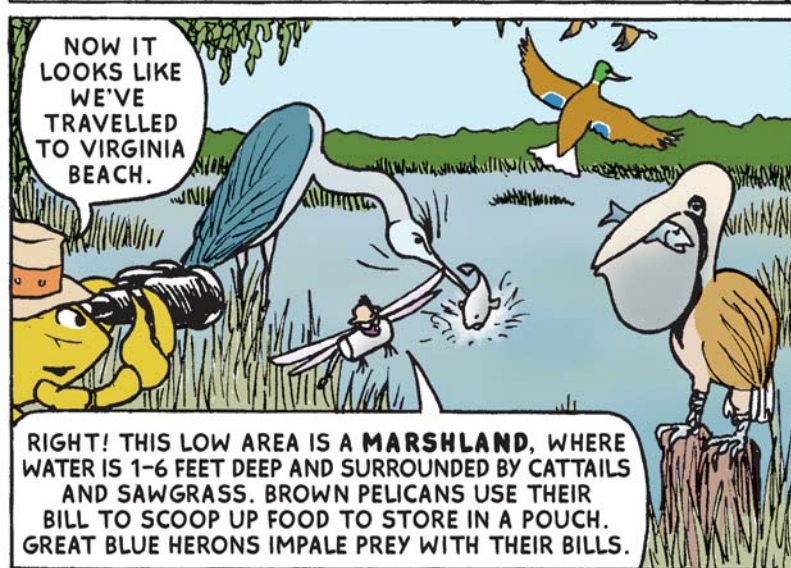
THIS OSTRICH OF THE HOT AFRICAN SAVANNAH IS 9 FEET TALL AND WEIGHS 345 POUNDS! BUT HE CAN RUN FROM PREDATORS AT 43 MILES PER HOUR.

OSTRICHES ARE HERBIVORES THAT EAT ONLY GRASS.



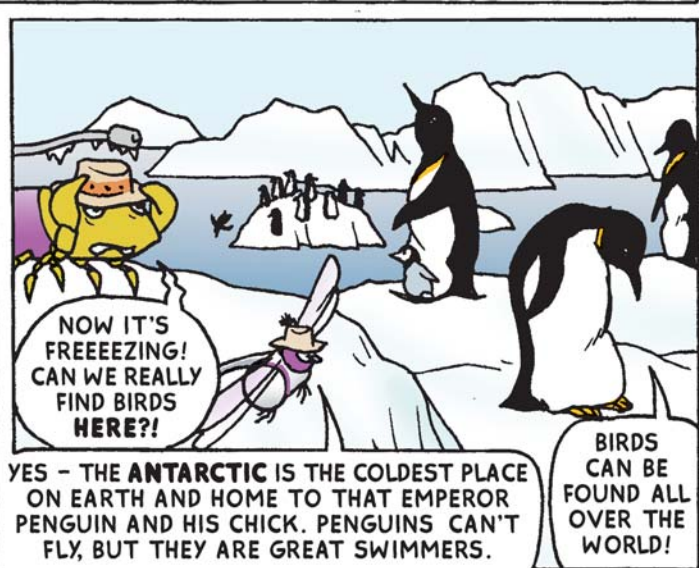
WOW, THOSE BIRDS ARE REALLY COLORFUL.

THAT'S A TOUCAN AND A SCARLET MACAW IN A DENSE TROPICAL RAINFOREST. IT RAINS HERE DAILY, WHICH MAKES IT HUMID AND HELPS FRUIT TO GROW. THE FRUITS THE BIRDS EAT GIVE THEM THEIR BEAUTIFUL, COLORED FEATHERS.



NOW IT LOOKS LIKE WE'VE TRAVELLED TO VIRGINIA BEACH.

RIGHT! THIS LOW AREA IS A MARSHLAND, WHERE WATER IS 1-6 FEET DEEP AND SURROUNDED BY CATTAILS AND SAWGRASS. BROWN PELICANS USE THEIR BILL TO SCOOP UP FOOD TO STORE IN A POUCH. GREAT BLUE HERONS IMPALE PREY WITH THEIR BILLS.



NOW IT'S FREEEEZING! CAN WE REALLY FIND BIRDS HERE?!

YES - THE ANTARCTIC IS THE COLDEST PLACE ON EARTH AND HOME TO THAT EMPEROR PENGUIN AND HIS CHICK. PENGUINS CAN'T FLY, BUT THEY ARE GREAT SWIMMERS.

BIRDS CAN BE FOUND ALL OVER THE WORLD!



TODAY WE'RE AT THE BIG RED BARN AT AMAZEMENT SQUARE. IT'S FULL OF VERTEBRATES CALLED **MAMMALS** - THEY RAISE THEIR YOUNG ON MILK AND HAVE SPECIAL TEETH TO CUT AND CHEW FOOD.

I'LL GET SOME MILK TO BRING ON TODAY'S TOUR!



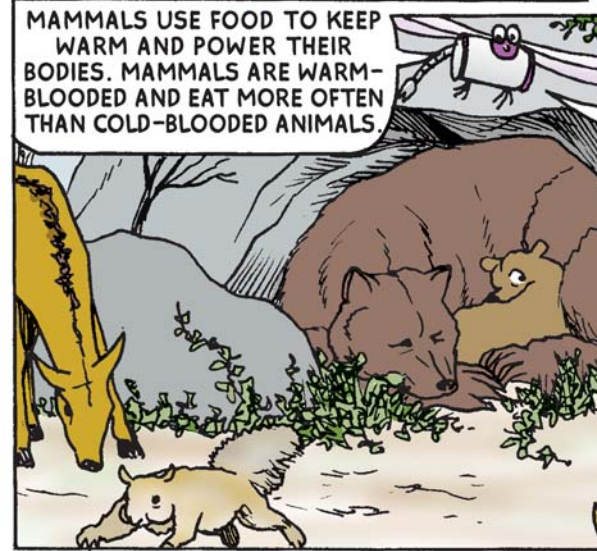
MAMMALS ARE FOUND ALL OVER THE WORLD. THEY ARE GOOD AT **ADAPTING** TO THEIR SURROUNDINGS.

MOST MAMMALS GIVE BIRTH TO LIVE YOUNG. THE DON'T HATCH FROM EGGS. MAMMAL BABIES RELY ON THEIR MOMS TO PROTECT AND FEED THEM.



WHY DOES THAT FISH WANT THIS MILK?

IT'S NOT A FISH, IT'S A WHALE. WHALES ARE ONE OF SEVERAL MAMMALS THAT LIVE IN THE WATER. THEY SWIM TO THE WATER'S SURFACE TO BREATHE.



MAMMALS USE FOOD TO KEEP WARM AND POWER THEIR BODIES. MAMMALS ARE WARM-BLOODED AND EAT MORE OFTEN THAN COLD-BLOODED ANIMALS.

SOME MAMMALS **HIBERNATE** IN THE WINTER. THEY SLEEP A LONG TIME AND WAKE WHEN FOOD SOURCES ARE MORE PLentiful.



WOW, I NEVER KNEW THERE WERE SO MANY MAMMALS AROUND US!

THAT'S RIGHT - EVEN THE VISITORS TO **AMAZEMENT SQUARE** ARE MAMMALS.