



EVOLUTION

1 ANSWER THE FOLLOWING QUESTIONS IN YOUR OWN WORDS

How do scientists know that evolution has taken place ? _____

Why don't old rocks have any fossils? _____

From which animals did birds develop ? _____

Why are dolphins and sharks similar ?Why are they different ? _____

How did finches change on the Galapagos Islands ? _____

What is the genetic code ? _____

How do we get certain features from our parents ? _____

How is the arctic fox adapted to the world around it ? _____

When does speciation happen ? _____

Which species do we belong to ? _____

How fast does evolution happen ? _____

Where did Charles Darwin study natural history ? _____

What did he want to prove in his famous book ? _____



EVOLUTION

2 MATCH THE WORDS WITH THE DEFINITIONS

A	amphibian
B	skeleton
C	fin
D	claim
E	environment
F	offspring
G	primate
H	advantage
I	gene
J	migrate
K	ancestor
L	drought
M	inherit
N	finch
O	proof
P	origin
Q	brain

	a member of a group of animals that monkeys and humans belong to
	the organ inside your head that controls how you move, think or feel
	the world around us
	to go to another place to live there
	time when there is little or no rain
	an animal that can live on land and in water
	a small bird with a short beak
	to say that something is true even if you do not know it
	information that shows that something is true
	all the bones in the body
	part of a cell of a living thing that controls what it looks like and how it grows
	children , babies of animals
	where something comes from
	to get something from someone
	something that helps you to be better than others
	a member of a species that lived a long time ago
	one of the thin body parts that a fish uses for swimming



EVOLUTION

3 PUT THE LINES INTO THE CORRECT ORDER

_____ reptiles appeared. Human fossils are found in the youngest and
 _____ years ago. Birds may have evolved from dinosaurs and
 _____ **1** Scientists have found out that fossils show us how and when
 _____ highest rock layers because humans evolved about a million
 _____ life developed. The oldest rocks are about 3.8 billion years old
 _____ time. The first fossils showed bacteria and later on fish and
 _____ amphibians evolved from fish that could move on land.
 _____ but they have no fossils because there was probably no life at that

4 WHICH OF THESE STATEMENTS ON EVOLUTION ARE TRUE OR FALSE ?

	T	F
The archaeopteryx was a kind of dinosaur that could fly.		
We don't need our appendix any more .		
On the Galapagos Islands finches developed beaks that became smaller and smaller.		
The genetic code always changes by accident.		
The giraffe developed a longer neck so that it could eat the leaves from the trees.		
Sharks and dolphins are both fish.		
Sometimes species are divided because of natural disasters.		
We belong to a species called Homo Sapiens.		
Darwin studied plant and animal life in Europe and North America.		
He thought that all life developed from earlier forms.		
All kangaroos live in Australia because their ancestors also lived there.		

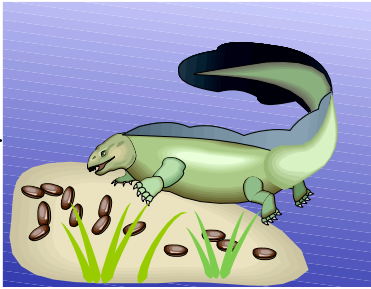


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6 HOW EVOLUTION HAPPENS—WRITE A SHORT PARAGRAPH IN EACH OF THE BOXES BELOW !

Natural Selection:

Genetics and Inheritance :



Adaptation

Speciation



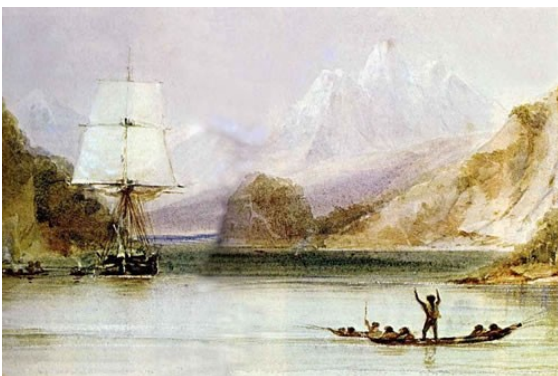
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7 COMPLETE THE TEXT ON CHARLES DARWIN BY FILLING IN THE CORRECT WORDS FROM THE BOX !

Charles Darwin was an English _____ who studied _____. At a young age he started to get _____ the world around him, but his _____ wanted him to study _____.

In 1831 Darwin went on a _____ that took him to many places on the _____ coast of South America. He spent a lot of time on the _____ Islands, where he studied _____ in old _____. He found out that there was a connection between them and plant and _____ life on the island. He thought that those living beings that could _____ better into the _____ could _____ and have more _____.

When he came back home to England he _____ a book called "On the _____ of Species". He was sure that all animals and plants _____ from earlier forms of life. Scientists around the world _____ his book and in short time almost all of them thought he was _____.

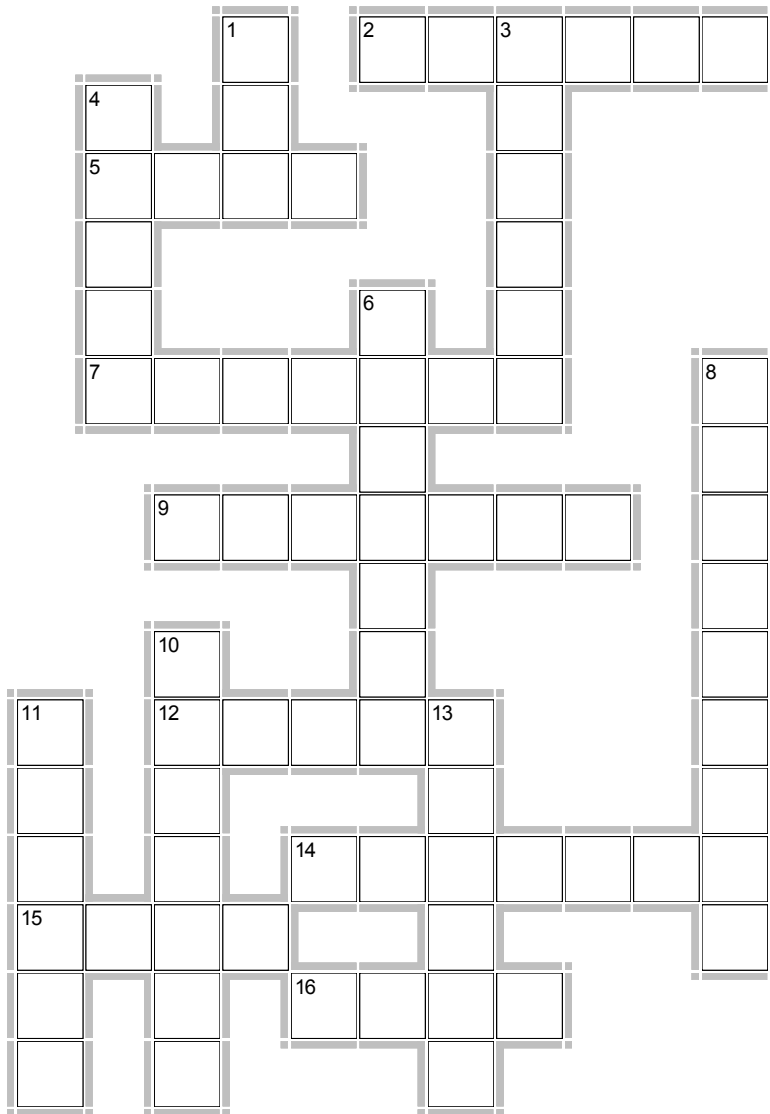


animal	offspring
developed	origin
discussed	parents
environment	published
fit	right
fossils	rocks
Galapagos	scientist
interested	survive
medicine	voyage
nature	western



EVOLUTION

9 CROSSWORD



Across

2. to split up into two or more parts
5. sharp curved nail of an animal
7. an animal like a snake whose body temperature changes all the time
9. if an animal or a plant does not live any more you call it ____
12. a male cell that can join with a female egg and produce new life
14. what is left over of something
15. a small hard object of a plant out of which a new plant can grow
16. the hard pointed mouth of a bird

Down

1. molecule that has all the information about life
3. a long trip on a ship
4. to happen
6. almost the same
8. someone who studies nature, plants and animals
10. if you don't need something any more it is ____
11. the form or shape of an old animal or plant that you can find in rocks
13. an animal that drinks milk from its mother



EVOLUTION

10 FIND THE WORDS THAT HAVE SOMETHING TO DO WITH EVOLUTION AND MARK THEM ←→↓↖↗

M T Z
H H F A H
B T K I O R K
C U G N U S W
E S P E C I E S A
J M A N H K B X I
Q Q Y U E M A M M A L
H A B I T A T V Q Y A
D P T E I A L Y I W E
W J R L C O T F L F B
I S C I E N T I S T N
C X N H M O Z T O G C
Z A O X D A R W I N I
R X A R L T W N E
P X D N A I E I B
Y Z A C V S B
V Q P E R V P
B D L Q I
B M D