

Walnut Ridge Elementary

Alternative Method of Instruction Verification Form

Day 1 _____ **Day 2** _____ **Day 3** _____ **Day 4** _____ **Day 5** _____

This form certifies that your child completed work for the designated day. This will allow your child to receive attendance credit for this day. In the event it is not completed, your child will receive an unexcused absence.

My child, _____ completed all work assigned for Day _____.

My child also worked on the following website:

_____.

Parent's Signature _____ **Date** _____

Day 4 Instructions:

- Reading: Read the passage and complete the questions that follow.
- Math: Complete math problems.
- Science: Read the passage and complete the questions that follow.
- Writing: Complete the writing prompt with at least 5-7 sentences if not more.

Name: _____

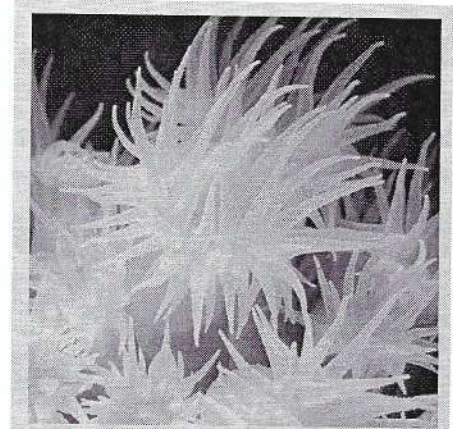
Coral Reef: The Ocean's Coolest Neighborhood

By Lydia Lukidis

There might not be anything cooler in the whole ocean than a coral reef! In fact, coral reefs are actually some of the most fascinating living communities on Earth.

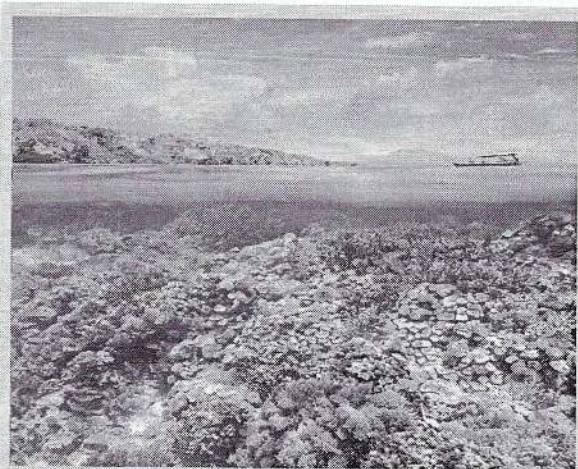
Did you ever wonder how a coral reef forms? Tiny animals called coral polyps are responsible for the formation of coral reefs. The coral polyps attach to rocks or other hard surfaces and continue to grow throughout their lifespan.

When they die, they harden. Then new coral polyps grow on top of them. This makes the reef expand. In fact, coral reefs are always growing. They grow about 1-2 cm per year.



A coral reef is made from billions of tiny polyps, like the one seen here.

Let's talk more about these little coral polyps. Like all animals, coral polyps need to eat. Their diet consists mainly of other miniscule animals, such as plankton and algae. The algae get their food from the sun. Because sunlight can only penetrate shallow water, the algae and coral polyps live in shallow water. This is where coral reefs generally form. A

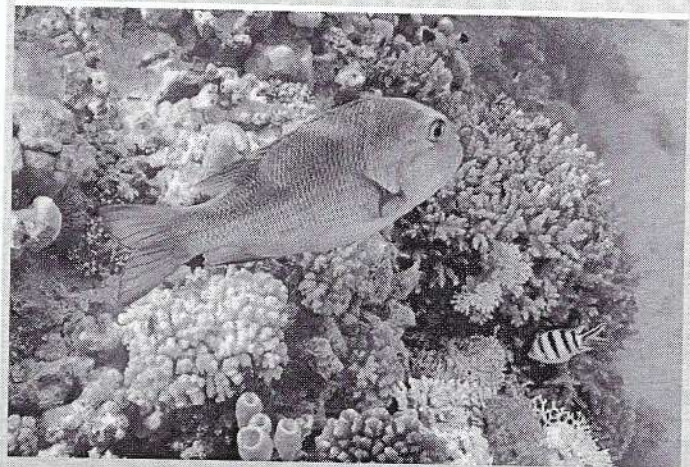


A reef is a shallow underwater area, made of coral. Many fish and sea animals live in and around reefs.

wide variety of animals live in coral reefs. Some animals live on the actual reef, like starfish, snails, and clams. Other species swim around the reef, like fish and sharks.

There are three types of coral reefs. Fringing reefs form along a coastline. Barrier reefs grow a bit farther from the land. They form parallel to the shore, separated from it by a deep channel of water. Finally, coral atolls are coral reefs that encircle a lagoon.

Coral reefs exist all around the world. The biggest one is called the Great Barrier Reef. The Great Barrier Reef is located off the northeast coast of Australia. It is very long, stretching out for 2,300 kilometers. It can even be seen from outer space! Every year, the beautiful Great Barrier Reef attracts many scuba divers and tourists, about 2 million visitors per year.



Coral reefs are rainbows of color. Coral polyps can be orange, pink, blue, green, red, or almost any color imaginable.

Coral reefs are a vital part of our planet. First of all, they are a home for many animals. They also protect shorelines against storms and floods. They can even provide us with the natural resources we need to make some kinds of medicine. However, a serious problem is occurring: many coral reefs are dying. Pollution and over-fishing are the main causes. And since coral reefs take a very long time to grow, they cannot grow fast enough to replace the damage. As a result, the coral reefs around the world are starting to disappear. Some scientists predict that someday soon most of the coral reefs will be gone. That is why we have to take good care of them. We should do our best to protect these incredible living communities for generations to come!

About the Author



Lydia Lukidis is a published children's author with a multi-disciplinary background that spans the fields of literature, theater, and puppetry.

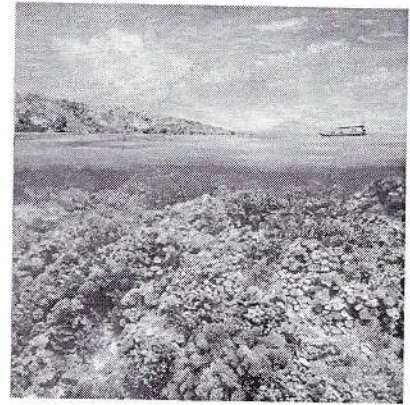
Lydia's picture book, *Gerbs in the House: The Dilly Dally Bedtime Routine*, is now available. Find out if Mocha will ever get his silly son to sleep!

Lukidis, Lydia. *Gerbs in the House: The Dilly Dally Bedtime Routine* ISBN: 978-0-9917402-7-7

Name: _____

Coral Reef: The Ocean's Coolest Neighborhood

By Lydia Lukidis



1. Describe the rate at which coral reefs grow. Use information from the article to support your answer.

2. Why are coral reefs found mostly in shallow water?

- a. Coral reefs thrive in shallow water because the sunlight penetrates the water and provides food for the algae that coral polyps eat.
- b. Coral reefs are protected in shallow water from damage by huge ocean animals like whales and great white sharks.
- c. Coral reefs cannot survive the saltiness of deep ocean water.
- d. Coral reefs cannot endure the currents in deep ocean water.

3. Based on the information in the article, provide a brief definition of each of the three types of coral reefs.

Fringing Reef: _____

Barrier Reef: _____

Coral Atoll: _____

4. Circle the two **hemispheres** that the Great Barrier Reef is located within.

Northern

Southern

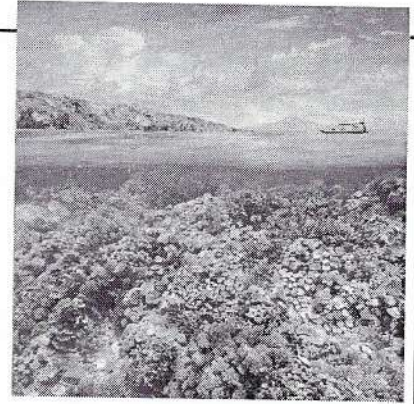
Eastern

Western

Name: _____

Coral Reef: The Ocean's Coolest Neighborhood

By Lydia Lukidis



Match each vocabulary word from the article with the correct definition.

- | | |
|--------------------|--|
| _____ 1. variety | a. to form a circle around |
| _____ 2. tourists | b. extremely important or necessary |
| _____ 3. formation | c. to say something will happen in the future |
| _____ 4. encircle | d. very tiny; microscopic |
| _____ 5. pollution | e. a long passage of water |
| _____ 6. vital | f. people who visit or travel to a place for pleasure |
| _____ 7. miniscule | g. a pool of salt water separated from the ocean by a coral reef |
| _____ 8. channel | h. the act of being formed or developed |
| _____ 9. predict | i. the presence of harmful substances in the environment |
| _____ 10. lagoon | j. a number of different things |

Multiplication Facts—Skills Practice

Name: _____

Multiply by 2, 5, and 10.

Form A

1 $5 \times 6 =$ _____

2 $9 \times 5 =$ _____

3 $10 \times 2 =$ _____

4 $9 \times 2 =$ _____

5 $10 \times 6 =$ _____

6 $4 \times 5 =$ _____

7 $2 \times 8 =$ _____

8 $10 \times 4 =$ _____

9 $3 \times 5 =$ _____

10 $9 \times 10 =$ _____

11 $8 \times 5 =$ _____

12 $2 \times 9 =$ _____

13 $5 \times 5 =$ _____

14 $6 \times 2 =$ _____

15 $8 \times 2 =$ _____

16 $10 \times 0 =$ _____

17 $7 \times 2 =$ _____

18 $2 \times 4 =$ _____

19 $10 \times 8 =$ _____

20 $2 \times 3 =$ _____

21 $5 \times 10 =$ _____

22 $3 \times 10 =$ _____

23 $5 \times 2 =$ _____

24 $10 \times 5 =$ _____

25 $2 \times 5 =$ _____

26 $5 \times 8 =$ _____

27 $2 \times 2 =$ _____

28 $5 \times 9 =$ _____

29 $7 \times 10 =$ _____

30 $10 \times 10 =$ _____

31 $10 \times 9 =$ _____

32 $2 \times 6 =$ _____

33 $6 \times 5 =$ _____

34 $10 \times 3 =$ _____

35 $5 \times 3 =$ _____

36 $5 \times 7 =$ _____

37 $2 \times 10 =$ _____

38 $7 \times 5 =$ _____

39 $10 \times 7 =$ _____

40 $6 \times 10 =$ _____

41 $1 \times 5 =$ _____

42 $4 \times 2 =$ _____

Puppies and Their Parents



What makes a dog a dog? Dogs can look and sound very different from each other. German Shepherds are big and weigh as much as 80 pounds. That's more than a six-year-old human! On the other hand, a Chihuahua is tiny and can fit in a purse. Dogs also have different types of fur. Chihuahuas have short hair but collies have long hair. Poodles have curly hair. Some dogs are brown and some are black. Some dogs howl and some others bark. But they are all dogs. They have four legs, fur and a tail. Many of them do not like cats.

Puppies are usually like their parents. Chihuahuas have small puppies and German Shepherds have bigger puppies. This is because puppies inherit many traits from their parents. Puppies often have the same color or type of fur as their parents. They often grow to be the same size as their parents. But they are not exactly the same. This is why you can tell apart puppies who are brothers and sisters, even when they look similar to each other.

There are several places you can go to choose a dog. Some people go to the animal shelter. At the animal shelter, you will find many types of dogs. All of the puppies at the animal shelter need a home and it's an excellent place to pick out your new dog. But sometimes people want a specific type of dog. They might want a German Shepherd with a loud bark or a Chihuahua with a lot of energy. If you know exactly what type of dog you want, you can go to a special person called a dog breeder. Dog breeders raise puppies that have specific traits. Different types of dogs – like German Shepherds, poodles and golden retrievers – are called "breeds." Dog breeders start by finding dogs that have the traits that they want, because they know that their puppies will have some of the same traits.

In the past, dog breeders wanted dogs that were useful to humans. At that time most dogs weren't pets. Instead, they had jobs that they had to do. Hound dogs helped people hunt for food in the forests. Sheep dogs helped shepherds herd flocks of sheep and protected the sheep from foxes or other dangerous animals. Dog breeders chose dogs that were smart, fast and strong. Those were the dogs that were the most helpful. But now most dogs are pets. They don't have to help humans hunt. Instead, they sit by the fire and are good company for their owners.

Today dog breeders choose traits that make dogs enjoyable to be around. Puppies from the dog breeder are more expensive than those from the animal shelter. Some of the puppies cost hundreds of dollars. Different breeds can cost different amounts. If a dog is especially smart, really fast or very pretty, her puppies can be even more expensive. That's because the puppies might inherit the mother's speed or intelligence.

In the United States, the most popular breeds of dogs are Labrador Retrievers, German Shepherds and Beagles. In England, the most popular dog breeds are Labrador Retrievers and Cocker Spaniels. In Italy, many people have German Shepherds. There are so many types of dogs that everyone can find the perfect pet.

Name: _____ Date: _____

1. German Shepherds, Chihuahuas, and Labrador Retrievers are all examples of what?

- A animal shelters
- B people
- C dogs
- D cats

2. What does this passage describe?

- A a day in the life of a Labrador Retriever
- B the items needed to raise a Cocker Spaniel
- C different breeds of dogs and what they are like
- D the reasons that cats and dogs sometimes do not get along

3. Read this sentence from the passage: "Puppies are usually like their parents."

What evidence from the passage supports this statement?

- A German Shepherds weigh as much as 80 pounds. 80 pounds is more than a six-year-old human weighs.
- B Chihuahuas have short hair. Collies have long hair.
- C Some people get dogs from animal shelters. Other people get dogs from dog breeders.
- D A Chihuahua is tiny and can fit in a purse. Chihuahuas have small puppies.

4. Where would be a good place for a family to get a dog if they do not care what type it is and do not have much money to spend?

- A an animal shelter
- B a store owned by a dog breeder
- C a field
- D a forest

5. What is this passage mostly about?

- A differences between German Shepherds living in Italy and German Shepherds living in the United States
- B dogs and the traits that make them similar to or different from each other
- C the reasons that some people would rather own a cat than a dog
- D health problems that some dogs suffer from and what their owners can do about those problems

6. Read the following sentences: "Puppies are usually like their parents. Chihuahuas have small puppies and German Shepherds have bigger puppies. This is because puppies inherit many **traits** from their parents."

What does the word "**traits**" mean above?

- A different types of dogs
- B physical features or qualities
- C pets that are popular in England
- D places people can go to buy puppies

7. Choose the answer that best completes the sentence below.

Puppies are similar to their parents, _____ they are not exactly the same.

- A yet
- B for example
- C including
- D as a result

8. Name three different dog breeds mentioned in the passage.
