ROCKADEMIX™

Investigation Activities

for

Kid from Cabo – Graphic Novel

ROCKADEMIX

Kid from Cabo   -   Graphic Novel

Investigation Activities

Name _____

Date _____

Comprehension Questions

Kid from Cabo – Graphic Novel

Directions: Answer the questions from the graphic novel. Use complete sentences.

1. (p.3-9) How are Jaqui and her dad like scientists?

2. (p.9) Why is conservation important?

3. (p.31-32) Explain countershading.

4. (p.40) What does the balance scale show you about the food chain?

5. (p.41) Why do some animals become extinct? How do we know they once lived on earth?

Differences Between Living and Non-Living Things

Kid from Cabo – Graphic Novel
The graphic novel talks about living and non-living things. How are they different?

Directions: Put the correct words under each category.

Move on their own	Breathe air	Eat and drink	Grow	Die
Don't move on their own	Don't breathe air	Don't eat and drink	Don't grow	Don't die

Living Things

1.

2.

3.

4.

5.

Non-Living Things

1.

2.

3.

4.

5.

<u>Now it's your turn</u>. Why are you a living thing?

Name _____   Date _____

Main Idea (Ocean Food Chain)

Kid from Cabo – Graphic Novel

Directions: The graphic novel talks about a food chain. Put the words in the blanks to
         show an ocean food chain.

    sharks   ~~plankton~~   sardines   tuna   sea lions

1. <u>plankton</u>

⬇

2. _____

⬇

3. _____

⬇

4. _____

⬇

5. _____

<u>Now it's your turn</u>. Explain in your own words what an ocean food chain is.

Reading Comprehension #1

Let's use the *Kid from Cabo* Graphic Novel to practice finding answers from the text. Cite the text where you found the answer.

1. Name **1** type of cloud.

   On page _____ I found the answer when it said, "_____

   _____

2. Why does a fish need a fin?

   On page _____ I found the answer when it said, "_____

   _____

3. Plants and _____ are living things.

   On page _____ I found the answer when it said, "_____

   _____

4. What **can't** non-living things do?

   On page _____ I found the answer when it said, "_____

   _____

5. What do living things need to live?

   On page _____ I found the answer when it said, "_____

   _____

<u>Now it's your turn</u>. Describe how types of clouds are different. Use drawings to explain. (You will need to do research from other books and the Internet).

Name _____   Date _____

Reading Comprehension #2

Let's use the *Kid from Cabo* Graphic Novel to practice finding answers from the text. Cite the text where you found the answer.

1. What does a pufferfish do when it feels scared?

   On page _____ I found the answer when it said, "_____

   _____

2. Why do humans squint?

   On page _____ I found the answer when it said, "_____

   _____

3. How long does a mosquito live?

   On page _____ I found the answer when it said, "_____

   _____

4. What helps giant kelp to stay on the ocean floor?

   On page _____ I found the answer when it said, "_____

   _____

Now it's your turn.

1. Tell about an animal that uses camouflage when it's scared.

2. Read about the bowhead whale. How old can it live?

3. How do people use kelp?

Name _____   Date _____

Reading Comprehension #3

Let's use the *Kid from Cabo* Graphic Novel to practice finding answers from the text.
Cite the text where you found the answer.

1. Why do tuna have a pattern on their skin called countershading?

   On page _____ I found the answer when it said, "_____

   _____

   Give another example of countershading: _____

2. What is the name of some of the smallest living things in the ocean?

   On page _____ I found the answer when it said, "_____

   _____

   Name 3 other small living things in the ocean: _____

3. What does "extinct" mean?

   On page _____ I found the answer when it said, "_____

   _____

   Name 2 other extinct animals: _____

4. What are "fossils"?

   On page _____ I found the answer when it said, "_____

   _____

   Where are fossils found? _____

Name _____   Date _____

Vocabulary

Kid from Cabo – Graphic Novel

Directions: Use the context clues and picture clues in the graphic novel to tell what the words mean. Then use each word in a sentence.

1. (p.3) observe – to look and study
    The scientists use telescopes and <u>observe</u> the stars.

2. (p.6) temperature –

3. (p.7) survive –

4. (p.18) germinate –

5. (p.35) plankton –

6. (p.41) extinct –

7. (p.42) fossils –

<u>Now it's your turn</u>.
1. Explain how anyone can be a scientist.

2. Why do you think animals have different life spans?

3. What causes some animals to become extinct?

Answer Key   *The Kid from Cabo*   Graphic Novel

1) Comprehension Questions
Questions: (accept reasonable answers)

Q-1 Jaqui and her dad are like scientists because they study the world around them. They observe all sorts of things like the sky and clouds, the moon and weather patterns, plants and animals, the weather cycle, and charts.

Q-2 Conservation is important so living things don't disappear.

Q-3 Countershading is a form of camouflage so fish can blend into the water and not get eaten by predators; they are lighter on the bottom and darker on their top.

Q-4 The balance scale shows you that the food chain needs to be balanced for it to work the best for everything in the food chain.

Q-5 Animals become extinct because their needs are not met. We know these animals once lived on the earth because of their fossils.

2) Differences Between Living and Non-Living Things
Put the words under each category: (in any order)

Living: Move on their own, Breathe air, Eat and drink, Grow, Die

Non-Living: Don't move on their own, Don't breathe air, Don't eat and drink, Don't grow, Don't die

Now it's your turn: (accept reasonable answers)

Q-1 I am a living thing because I move, breathe air, eat and drink, and grow. All living things die someday and humans do, too.

3) Main Idea – Ocean Food Chain
Put the words in the blanks to show a food chain: (MUST be in this order)

1) plankton   2) sardines   3) tuna   4) sea lions   5) sharks

Now it's your turn:

A food chain is the ordered steps along the way in which different species eat others to survive.

4) Reading Comprehension #1
Cite the text where you found the answer:

1. p. 12   "Cumulus".
2. p. 8   "It helps steer through the water."
3. p. 15   "animals".
4. p. 19   "Non-living things don't grow."
5. p. 19   "energy and food."

Now it's your turn:

The student researches different types of clouds. (This information is not in the text.)

They describe them and use drawings to explain the different cloud types.

There is a picture of a cumulus cloud on p. 12 – see drawing, but the students must use additional books and information from the Internet to find more information.

Clouds can be broken down into many different kinds.

You can tell the students to find 3-4 of the most common types of clouds (Cumulus, Cirrus, Stratus, and Nimbus) OR you can have them find more.

5) Reading Comprehension #2
Cite the text where you found the answer:

1. p. 21   "they blow up like a balloon and their spikes stick out."
2. p. 22   "That would protect your eyesight."

3. p. 25   "A male mosquito is born and then dies about ten days later of old age!"
4. p. 26   Giant kelp have long stems to help them stay anchored to the ocean floor so they don't float away."

Now it's your turn: Accept reasonable answers.

Q-1 Different fish, squid, spiders, octopus, and beetles use camouflage when they are scared. (Students need to name one only and they may have others). Usually these animals change colors to blend in with their surroundings so nothing can attack them.

Q-2 The bowhead whale can live more than 200 years. It is the longest-living mammal.

Q-3 Kelp is used by people in many ways. It is used for toothpaste, shampoo, salad dressing, pudding, cake, dairy products, frozen foods, and even healthy drugs to help people get and stay healthy.

6) Reading Comprehension #3

Cite the text where you found the answer: (There is an additional question after each citing in the text. The students either use the text/picture clues to answer this question OR they can do research in other sources to find the information.)

1. p. 30   "But tuna have built in ways that help them sneak up on prey, like sardines."
            Give another example of countershading: **sharks**
2. p. 35   "Some of the smallest living things in the ocean chain are plankton."
            Name 3 other small living things in the ocean: **bacteria, plants, and the small shark**
3. p. 4   "Some living things disappear from the earth forever."
            Name 2 extinct animals: **Megalodons, any type of dinosaur**
4. p. 42   "There are their remains, such as bones."
            Where are fossils found: **in rock, sand, and mud**

7) Vocabulary

Accept reasonable answers.

The student is to write a definition as in the text and a sentence using the word

2. temperature – how warm or cold something is
        Today's spring <u>temperatures</u> were warmer than the winter temperatures.
3. survive – to be able to live
        Animals need food and water to <u>survive</u>.
5. germinate – the beginning of growth for seeds
        I added water to the seeds in the garden so they could <u>germinate</u>.
6. plankton – some of the smallest living things in the ocean food chain
        The shark ate the <u>plankton</u>.
7. extinct – no longer living
        Dinosaurs are <u>extinct</u>.
8. fossils – remains such as bones of once living things on the earth
        The scientists discovered the <u>fossils</u> of the once-living creature.

Now it's your turn: Accept reasonable answers.

Q-1 Anyone can be a scientist because anyone can learn more about the world around them through observation and study.

Q-2 I think animals have different life spans because of the environment they live in. They also might live longer because of their body parts and how healthy they are.

Q-3 Animals become extinct because they might not have enough food to eat or water to drink. The temperature might be too hot or cold. They might get eaten by predators.