A Long Night

Carla called to Edna, "Help me get this boat on shore." Carla was pulling the lifeboat toward shore. She was a long way behind Edna. Edna waited for her. Then the girls pulled the lifeboat onto the beach and turned it over. Many gallons of salt water spilled out and ran back to the ocean.

The sky was starting to clear. In the distance were heavy clouds, but the waves on the ocean were small. Behind Edna and Carla was a heavy jungle. A great tangle of trees and vines crowded down to the beach. From the jungle came the sounds of birds and other animals. The whole beach was covered with red sand. Edna had never seen sand like that before.

Edna walked a few feet from the overturned lifeboat and sat down on the soft, red sand beach. "I'm sick," she said.

"I'm sick, too," Carla said. She was lying down on the beach.

A few minutes later, Carla was sleeping. Edna closed her eyes. The world seemed to be spinning around and around. The beach seemed to be rocking. "Oh," she said aloud. She kept her eyes closed and tried to ignore the terrible rocking and spinning.

... ... ...

"BRRRRAAAAHHHHH!"

Edna sat up, her eyes wide. It was night. At first she didn't know where she was.

"BRRRAAAHHH!"

"What's making that noise?" Carla asked.

Edna turned toward Carla's voice. It was so dark that Edna could hardly see her.

Suddenly, as Edna looked in Carla's direction, she saw something
moving out of the jungle. She heard it, too. It crashed through the vines and trees. There were breaking sounds and tearing sounds as small trees snapped and broke. Edna could see the faint outline of the trees being bent over and snapped down. Then she saw the faint outline of something else, something very large. An animal of some sort. “It can’t be,” Edna said aloud. The animal that she saw was too big. It was as big as some of the trees.

Edna didn’t have much time to look at the animal because it stayed on the beach for only a few seconds. All Edna saw was a very faint outline. But she saw enough to know that she was looking at an animal like nothing she had ever seen before. It was big. It seemed to have a huge head. And it seemed to walk upright, on its hind legs.

During the few seconds that Edna saw the animal, it seemed to throw its head back when it roared. Then it suddenly turned around and disappeared into the jungle. It left a trail of great crashing and bending sounds.

“What was that?” Carla asked.

“I don’t know, but I’m scared,” Edna answered.

“Yeah,” Carla said. “I think we should go stay under the lifeboat.”

“Good idea,” Edna said.

So the girls crawled under the lifeboat and tried to sleep. But neither girl slept. One time, Edna was almost asleep when Carla moved
her foot and made a noise. Edna sat up so suddenly that she hit her head on the inside of the lifeboat.

That was the longest night that Edna remembered. She kept waiting for the sky to become light. She wasn’t sure which part would become light first, because she didn’t know where east was. The first part to get light was over the jungle. Then it seemed that a year passed before it was light enough to see the ocean clearly. The sun was not up yet, but the birds were squawking and screaming in the jungle.

At last, Edna and Carla crawled out from under the lifeboat. The first thing they did was walk to where they had seen the outline of the huge animal. As soon as they got close to the spot, they saw the animal’s huge footprints in the red sand.

When Edna looked at the footprints, she knew that there was an animal on this island that looked like no other living animal anyone had ever seen. It left footprints that were a yard long!

**Skill Items**

Write the word from the box that means the same thing as the underlined part of each sentence.

- speech
- excited
- screech
- box
- certain
- armor
- pouch
- surface

1. She put her keys in the small bag.
2. The **sharp** sound of the peacock startled me.
3. I am **sure** about the answer to the question.

Use the words in the box to write complete sentences.

- volcano
- practiced
- attracted
- exploded
- sense
- immediately
- strangely

4. The smell **flies**
5. The rim of the **...**
Review Items

6. What season is it at the North Pole when the North Pole tilts toward the sun?
7. What season is it at the North Pole when the North Pole tilts away from the sun?
8. Female animals fight in the spring to protect [blank].
9. Name 2 kinds of Alaskan animals that are dangerous in the spring.
10. Name 3 animals that are warm-blooded.
11. Name 3 animals that are cold-blooded.

12. What are clouds made of?
13. What kind of cloud does the picture show?
14. What happens to a drop of water at B?

15. Which object went into the pile first?
16. Which object went into the pile last?
17. Which object went into the pile earlier, the cup or the book?
18. Which object went into the pile earlier, the bone or the book?
19. Which object went into the pile just after the pencil?
20. Which object went into the pile just after the bone?

21. Whirlpools are made up of moving [blank].
22. A whirlpool is shaped like a [blank].
Story Items

1. After the giant wave hit the boat in the last story, what was the boat being sucked into?

2. Some things happened so fast that Carla and Edna had to try to figure out what they were. What made the blinding flash?

3. What fell from the sky?

4. About how far was it from the lifeboat to the beach?

5. What was right behind the beach?

6. What was strange about the sand on the beach?

7. Edna and Carla woke up when it was dark. What woke them up?

8. The animal Edna saw was as big as some of the ____________________________________.

9. Did the animal walk on 4 legs or 2 legs?

10. Where did the girls go to spend the last part of the night?

11. Did the girls get much sleep?

12. What was the first thing the girls discovered in the red sand?

13. The footprints were □ long.
   - a foot
   - a yard
   - half a meter
Review Items

14. Write the letter of the earth that shows the person in daytime.

15. Write the letter of the earth that shows the person 6 hours later.

16. Write the letter that shows the person another 6 hours later.

17. Write the letter that shows the person another 6 hours later.

18. Which letter on the map shows Alaska?

19. Which letter shows Canada?

20. Which letter shows the main part of the United States?

21. Which 2 letters show where Eskimos live?

22. How warm is it during winter in Alaska?
Footprints

There was a row of footprints in the red sand. The footprints of the animal were a yard long. Each footprint had three toes. The size of the footprints told Edna something about the size of the animal. The footprints made very deep dents in the sand. These deep dents told Edna something about how much the animal weighed.

Between the footprints was a deep groove in the sand. Carla asked, "What could make that deep trail?"

Suddenly Edna shouted, "A tail. I'll bet a tail did that. That animal is walking on its hind legs. It's dragging a heavy tail behind it. The tail makes the groove in the sand."

For a while, the girls walked around the footprints and didn't say anything. Then they looked toward the jungle. The animal had left a huge path through the jungle. On either side of this path were thick
vines and trees. But the path was almost clear. It looked as if somebody had driven a truck through the jungle and knocked down all the small trees and vines.

Edna said, "I don't think we should go into that jungle."

"Yeah, we shouldn't do it," Carla said. The girls were silent for a few moments. They just stood there and looked at the great path that led into the jungle. Then Carla said, "But we could follow that path for a little way. We don't have to go too far."

"I don't want to go in there," Edna said. But she wasn't telling Carla the truth. Part of her was frightened and wanted to run away. But part of her wanted to see what made those huge footprints. Her mind made pictures of that animal. In one of the pictures, the animal was chasing Carla and Edna. Edna was running as fast as she could, but the animal was getting closer and closer and ... 

"Come on," Carla said. "Let's go just a little way."

Now another part of Edna's mind was taking over. It wanted to see that animal. This part of Edna's mind was not terribly frightened. It made up pictures of Carla and Edna sneaking up on the animal. In these pictures, the animal did not see Edna and Carla. "This animal is not very smart," Edna said to herself. "If it was a smart animal, it would have found us last night. Maybe it does not have a good sense of smell. Maybe it has poor eyes."

"Okay, let's follow the path," Edna said to Carla. "But just a little way."

Carla picked up a short, heavy branch. She practiced swinging it like a club. Edna picked up a branch too. They were easy to find in the path made by the animal.

So the girls started down the path into the jungle. They walked very slowly and carefully. They jumped each time a screech or a roar came from the jungle. They tried not to step on small branches that would make a cracking sound. Slowly, they moved farther into the jungle. Soon, Edna could not see the beach behind her. The trees over them blocked out the light.

"This is far enough," Edna said after she realized that the girls had gone over a hundred meters into the jungle.

"Shhh," Carla said, and pointed straight ahead. Edna could see a clearing. In the middle of it was a small pond. From the pond, steam rose into the air. The girls moved forward. Now Edna could see a small stream flowing into the pond. And she saw tall grass.
When the girls reached the edge of the clearing, Edna stopped. She noticed that the trees were very strange. She looked at a small tree on the edge of the clearing. "I saw a picture of a tree like this somewhere," she said. "But I can't remember where." She tried to remember. Suddenly, she did. And when she remembered, she wanted to run from the jungle as fast as she could. She had seen a picture of that tree in a book on dinosaurs. She had looked at the picture in the book many times. And she clearly remembered the tree. It was in a picture that showed Tyrannosaurus fighting with Triceratops.

Edna looked at the tree and remembered the huge footprints. "Oh no," she said aloud.
Number your paper from 1 through 23.

Review Items
1. When days get longer, is the North Pole tilting toward the sun or away from the sun?
2. When days get shorter, is the North Pole tilting toward the sun or away from the sun?
3. In April, the sun shines for more than [ ] hours each day in Alaska.

4. Which globe shows how the earth looks on the first day of winter?
5. Which globe shows how the earth looks on the first day of summer?

Use these names to answer the questions:
**Tyrannosaurus, Triceratops.**
6. What is animal X?
7. What is animal Y?
8. Which came earlier on Earth, dinosaurs or horses?
9. Which came earlier on Earth, strange sea animals or dinosaurs?

10. Write the letter of the layer that went into the pile first.
11. Write the letter of the layer that went into the pile next.
12. Write the letter of the layer that went into the pile last.
13. Which layer went into the pile earlier, B or C?
14. Which layer went into the pile earlier, A or C?
15. Write the letter of the layer where we would find the skeletons of humans.
16. Write the letter of the layer that has dinosaur skeletons.
17. Write the letter of the layer where we would find the skeletons of horses.
18. Write the letter of the layer we live on.
19. What's the name of layer C?

20. What kind of animals lived in the Mesozoic?
21. Captain Parker's ship passed through a place where hundreds of ships have sunk or been lost. Name that place.
22. Write the letters of the 3 things you find in the Bermuda Triangle.
   a. streams  d. sudden storms
   b. ice floes  e. mountains
   c. huge waves  f. whirlpools

23. What happens to something that gets caught in a whirlpool?
A Story Items

1. What was strange about the sand on the beach where Edna and Carla landed?

2. The footprints of the animal were ___________________________ long.

3. How many toes did each footprint have? _________________________

4. What did the size of the footprints tell about the size of the animal?
   - It was bigger than a bear.
   - It was a bear.
   - It was smaller than a bear.

5. How did Edna know that the animal was very heavy?
   - The footprints were long.
   - The footprints made deep dents.
   - The footprints had 3 toes.

6. What part of the animal made the deep groove between the footprints?

7. Edna wasn’t sure if she wanted to follow the animal. **Underline** 2 things that tell what the parts of her mind wanted to do.
   - read about dinosaurs
   - learn more about the animal
   - run
   - find something to eat
   - think

8. Edna saw something next to the path that she recognized from a picture in a book. What did she see?
   - a stream
   - a tree
   - a bug

9. What else was in that picture?
   - dinosaurs
   - ships
   - rocks

10. How did that make her feel? _______________________________
11. Write the letter of the footprint made by the heaviest animal. ______

12. Write the letter of the footprint made by the lightest animal. ______

The picture shows marks left by an animal.

13. Make an arrow from dot A to show the direction the animal is moving.

14. Write the letter of the part that shows a footprint. ______

15. Write the letter of the part that shows the mark left by the animal's tail. _____

GO TO PART C IN YOUR TEXTBOOK.
The Monster

Just as Edna was going to tell Carla about the tree in the book, a loud flapping sound came from the sky. A huge bird-like animal sailed down from above the jungle. It wasn’t a bird because it didn’t have feathers. It had large wings that looked like leather. The animal had large sharp teeth. As the animal got close to the ground, Edna could see that it was very big—bigger than an eagle. The animal flapped its leathery wings loudly as it landed in the middle of the clearing. When it landed, the girls could see it more clearly.
Carla whispered, “What is that thing?”

Edna said, “It’s an animal that lived a hundred million years ago.”

Edna and Carla stared at the animal. It was on a rock with its wings half-folded and its mouth open.

“Let’s get out of here,” Edna said.

The girls began to sneak down the path toward the beach. Suddenly, the ground shook and there was a terrible crashing sound. The ground shook again. Edna couldn’t tell where the sound was coming from. She ran from the path and hid behind a vine-covered tree. Then she realized that the crashing sound was moving closer and closer. It was coming from the beach and moving down the path toward the clearing. A small tree crashed to the ground right in front of Edna. Above her was the form of a monster. It was standing in the path that Edna and Carla had followed. Edna could smell the animal. It gave off a smell something like garbage. Edna instantly recognized the animal. Tyrannosaurus.

The monster moved so quickly that Edna could hardly believe it. Like lightning, it turned its head one way and then another. Its mouth was open and it seemed to be smiling with teeth as big as knives. The huge, bird-like animal in the clearing spread its wings and started to flap them. Immediately Tyrannosaurus turned its head in the direction of the animal. An instant later, the monster was running toward the winged animal.

With each step, the ground shook. As Tyrannosaurus ran toward the clearing, its huge tail followed. It hit the tree that Edna was standing behind. The tree cracked. Edna went flying into the soft plants that covered the floor of the jungle. Before Edna could stand up, she heard noises from the clearing. There was a leathery flapping sound. Then there was a terrible crunching sound, like the sound of bones being crushed. There were three squawking sounds. Then there were more crunching sounds.

Edna got up and started to run. She ran down the path toward the beach. She made her legs move as fast as they could. And she kept telling them to move faster. She told herself, “Get out of here. Get out of here.” She tripped and almost fell. “Don’t fall,” she told herself. “Run,” she told herself. “Run and don’t stop.”

She wasn’t thinking about the noise she made as she ran. She wasn’t thinking that Tyrannosaurus might hear her. She wasn’t thinking about anything but running. “Run,” she told herself. “Don’t slow down.”

She noticed that there was a large snake on the path right in front of her. It was yellow and black, and it was at least three meters long. But she didn’t even slow down. With a
great leap she jumped over the snake and kept on running. When the girls had gone into the jungle, the path had seemed long. Now it seemed longer. It seemed as if it would never end. “Run,” she said out loud between her breaths. “Run. Run.”

Edna ran until she could see the beach ahead of her. Then her mind slowly began to work again. She stopped and turned around. There was nothing on the path behind her. Good. Good. Tyrannosaurus was making so much noise eating that flying animal that it couldn’t hear Edna. Besides, Tyrannosaurus already had a meal. What would it want with a tiny animal like Edna? Edna wouldn’t be much more than a mouthful for the monster. Edna was thinking now. She walked out onto the red sand of the beach.

She was out of breath. Now she began to realize how frightened she had been. She had been so frightened that she forgot about everything. She forgot about being careful. Suddenly, Edna turned all the way around. She had forgotten about Carla. Where was Carla?

Edna looked in all directions, but she couldn’t see Carla.

C Number your paper from 1 through 20.

Skill Items

Here are three events that happened in the story. Write beginning, middle or end for each event.

1. Edna went flying into the soft plants that covered the floor of the jungle.

2. A huge bird-like animal sailed down from above the jungle.

3. She had been so frightened that she forgot about everything.

Story Items

4. Write the letter of the footprint made by the lightest animal.

5. Write the letter of the footprint made by the heaviest animal.
The picture shows marks left by an animal.
6. Which arrow shows the direction the animal is moving?
7. Write the letter of the part that shows a footprint.
8. Write the letter of the part that shows the mark left by the animal’s tail.

![Image of animal marks]

Review Items
9. About how long are killer whales?
10. Compare the size of killer whales with the size of other whales.
11. Are killer whales fish?
12. Tell if killer whales are warm-blooded or cold-blooded.
13. Name 2 things that can make an ice chunk drift.
14. In which direction will you drift when you're in an ocean current?
15. In which direction will you drift when you're in a strong wind?
16. What kind of boat do Eskimos use in the summer?
17. Why don't they use those boats in the winter?

18. Write the letter of the storm clouds.
19. Write the letter of the clouds that may stay in the sky for days at a time.
20. Write the letter of the clouds that have frozen drops of water.

![Image of clouds]

A  B  C
A  Story Items

1. Edna and Carla saw a winged animal. Was that animal a bird? ________________

2. How do you know?
   • It had teeth.  • It didn’t have a beak.  • It didn’t have feathers.

3. Its wings were covered with something that looked like ___.
   • feathers  • leather  • hair

4. How long ago did those winged animals live on Earth?
   • a thousand years ago
   • a million years ago
   • a hundred million years ago

5. Underline the name of the dinosaur the girls saw.
   • Triceratops  • Mammoth  • Tyrannosaurus

6. What cracked the tree that Edna was hiding behind?
   • Tyrannosaurus’s head  • Tyrannosaurus’s foot  • Tyrannosaurus’s tail

7. What happened to Edna when the tree cracked? ________________

8. Before Edna started to run, she heard noises from the clearing. What made the leathery flapping sound?
   • Tyrannosaurus  • the flying dinosaur  • Carla

9. Whose bones were making the crunching sound? ________________

10. Tyrannosaurus didn’t hear Edna running because it was ___.
    • sleeping  • eating  • scratching

11. As Edna ran through the jungle toward the beach, what did she see on the path? ________________

12. Did Edna slow down when she saw it? ________________

13. When Edna got to the beach, she realized that something was wrong. What was wrong? ________________
Review Items

14. Write **north, south, east** and **west** in the correct boxes.

15. In which direction is ocean current **F** moving?

16. In which direction is ocean current **G** moving?

17. Which direction is the wind coming from?

18. Make an arrow above ice chunk **H** to show the direction the current will move the ice chunk.

19. Make an arrow above ice chunk **I** to show the direction the current will move the ice chunk.

GO TO PART C IN YOUR TEXTBOOK.
Looking for Carla

Carla was not in sight. That meant that Carla was still back there in the jungle. Edna took a couple of steps into the jungle. She stopped and looked down the path. She couldn’t see anything. Part of her mind told her, “Don’t go back there. You’ll get killed.” Then another part of her mind said, “You’ve got to help Carla. Go back.”

For a moment Edna thought of calling to Carla. But then she realized that the sound of her voice would attract the monster.

Suddenly, she noticed that she was walking back toward the clearing. She had decided to try to help her friend.

She crouched over and kept near the side of the path. She was ready to duck behind a tree as soon as she spotted Tyrannosaurus. She couldn’t hear anything except her breath and the sounds of her feet moving through the green plants. Step, step, step—she moved down the path.

She noticed a beautiful flower growing in the middle of the path. She noticed that the birds in the jungle were not squawking. “Why are they silent?” she asked herself.
She answered, “They probably flew away when Tyrannosaurus ran into the clearing.”

Then once again she noticed how quiet it was. Step, step, step. Edna was nearly all the way back to the clearing when she heard Tyrannosaurus. She could smell the dinosaur, too, but she couldn’t see it.

Edna ducked behind a tree on the side of the path. Now her mind started to think about the things that might have happened.

Maybe Tyrannosaurus had already found Carla and maybe Tyrannosaurus . . . “No,” she told herself. “Don’t think about things like that. Carla is all right.”

Edna stayed behind the tree for a minute or two. Tyrannosaurus didn’t seem to be moving toward her. So, slowly she snuck back onto the path and moved toward the sound of the breathing. Closer and closer. Then she saw Carla lying near the path. Her leg was tangled up in some vines. She was lying very still.

Part of Edna’s mind said this: “Carla is not moving, so she is dead.”

Another part of Edna’s mind said this: “No. She is not dead, and she is not hurt. She is lying very still because Tyrannosaurus is very near and she doesn’t want to move.” Edna snuck up a little closer. Now she could see Tyrannosaurus. The dinosaur was at the edge of the clearing, looking in the direction of Carla. But the dinosaur was not standing still. It was pacing and turning its head from one side to another, as if it was looking for something.

Edna looked at Carla. She was all right.

On the far end of the clearing were the remains of the flying dinosaur. For some reason, Tyrannosaurus was not eating them.

Suddenly, Edna got an idea of how to save Carla. The plan was very dangerous, but Edna felt strangely brave. She felt that she had to try to help Carla. Edna’s plan was to catch the dinosaur’s attention. She would go into the jungle and make a lot of noise. Tyrannosaurus would come after the noise. When the dinosaur followed the noise, Carla would be able to free herself and run to safety.

Edna’s heart was pounding. She knew that she would have to be very fast. She remembered how fast Tyrannosaurus moved through the jungle.
Suddenly, Tyrannosaurus turned around. Three Triceratops dinosaurs came into the clearing. They held their heads down as they moved toward Tyrannosaurus. Tyrannosaurus ran toward them and then stopped. It opened its mouth very wide and let out a terrible shriek.

“Now,” Edna told herself. She ran toward Carla, who was already sitting up and trying to untangle her leg.

Edna grabbed the vines and tried to pull them free. It seemed to take forever. Carla didn’t say anything. The girls tugged at the vines and tried to get Carla’s leg free. The dinosaurs were very close to them.
Number your paper from 1 through 22.

**Skill Items**

Write the word from the box that means the same thing as the underlined part of each sentence.

<table>
<thead>
<tr>
<th>armor</th>
<th>gulped</th>
<th>shabby</th>
<th>docked</th>
</tr>
</thead>
<tbody>
<tr>
<td>graph</td>
<td>mast</td>
<td>bailed</td>
<td>boots</td>
</tr>
</tbody>
</table>

1. He **quickly** swallowed the milk.
2. She got some new **mukluks**.
3. The animal’s hard covering protects it from enemies.

**The new exhibit displayed mysterious fish.**

4. What word describes things we don’t understand?
5. What word means **an arrangement of things for people to look at**?
6. What word means **showed**?

**Review Items**

7. How long ago did dinosaurs live on Earth?
   - 30 thousand years ago
   - 1 million years ago
   - 100 million years ago

8. In what season are animals most dangerous in Alaska?
9. During what season do female animals in Alaska have babies?
10. About how long are killer whales?
11. Compare the size of killer whales with the size of other whales.
Write the name of each animal in the picture.

12. 
13. 
14. 
15. 
16. 
17. 

18. Which animal in the picture is the biggest?
19. Which animal is the smallest?
20. The map shows a route. What state is at the north end of the route?
21. What country is at the south end of the route?
22. About how many miles is the route?
Name

A  Story Items

1. At the beginning of the story, Edna was trying to decide something. **Underline** what she was trying to decide.
   - whether she should go back into the jungle
   - whether she should hide under the boat
   - whether she should call for help

2. Edna didn’t call to Carla because the sound would ___.
   - make the birds fly
   - not be loud enough
   - catch the dinosaur’s attention

3. When Edna was near the clearing, she couldn’t see Tyrannosaurus. **Underline 2** ways she knew that Tyrannosaurus was nearby.
   - She could feel its skin.
   - She could hear it.
   - She could smell it.
   - She could taste it.

4. Carla was lying very still because ___.
   - Tyrannosaurus was near
   - the leaves were wet
   - Edna was watching

5. Carla didn’t get up because her leg was _____________________.

6. Edna made up a plan to save Carla. How was Edna going to catch Tyrannosaurus’s attention? _____________________.

7. In Edna’s plan, what would Tyrannosaurus do? _____________________.

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Lesson 32  57
8. What would Carla do?

9. Did Edna get to try her plan?

10. What came into the clearing when Tyrannosaurus was moving back and forth?

11. What were Edna and Carla trying to do at the end of the story?

Review Items

12. What kind of boat do Eskimos use in the summer?

13. Why don’t they use those boats in the winter?

14. During which season do ice floes start?

15. During winter in Alaska, you can walk far out on the ocean. Tell why.

16. Do ice floes make noise in the winter?

17. Why do ice floes make noise in the spring?
Volcanos and Earthquakes

You will be reading about volcanos and earthquakes. A volcano is a mountain that is made of hot melted rock. That rock comes from inside the earth.

The picture shows what a volcano would look like if it were cut in half and we could see the inside.

There is a layer of melted rock in the earth far below the volcano. The melted rock moves up to the surface of the earth. When the melted rock pours out onto the surface of the earth, the rock cools and becomes hard. More melted rock piles up on top of the hardened rock. The volcano keeps growing in the shape of a cone.

Explosion

Carla and Edna were tugging at the vines that were tangled around Carla’s leg. The vines were like thick, sticky ropes that wouldn’t let go. Occasionally, Edna glanced up and looked at what was happening in
the clearing. The three Triceratops dinosaurs were lined up, waiting for Tyrannosaurus. The giant Tyrannosaurus was prancing around with its mouth wide open. It would move toward the Triceratops dinosaurs and then it would back away. From time to time, it would let out a terrible shriek.

The leg is free! Take her hand and help her up. Now run. Keep an eye on her. Let her run in front of you. Push her on the back so that she runs faster. Is that as fast as she can run? Let's get out of here. Keep running. Look, there's the beach. Run. Right down to the edge of the water. Stop. Turn around. Look back. They're not coming after you. Safe. Safe.

The girls stood near the edge of the water for a few minutes, listening to the sounds that came from the jungle. The sounds told them that a terrible fight was going on. Tyrannosaurus would shriek from time to time. Then there would be a great thud. After a few minutes, the shriek of Tyrannosaurus turned into a cry. Just then the whole island seemed to shake.

The tops of the trees began to shake. They shook so hard that coconuts fell to the ground. The birds left the island. They were flying to the west. Suddenly the ground shook with such force that Edna fell down. The red beach moved up and then down. It rocked to one side and then to the other.

“Earthquake!” Carla yelled.

Some trees near the edge of the jungle fell over. As Edna sat up, she noticed a great cloud of smoke over the top of the island. “Volcano,” she shouted.
The smoke boiled and billowed into the air with great speed. Within a few seconds, it had covered the whole eastern part of the sky. And still the smoke cloud was growing.

“Come on,” Edna shouted. She ran toward the boat. The beach suddenly shook. She stumbled, fell, and slid through the red sand. She got up and ran. The sky was now becoming dark, as the enormous cloud continued to grow.

The girls reached the boat and turned it over. They pushed it into the shallow water. When they were a few meters from the shore, a terrible quake shook the island. It made a large crack in the sand beach. That crack moved out into the water, right under the boat.

Suddenly, Edna noticed that the sand under her feet had disappeared. She slipped underwater. The currents were very swift and she felt her feet being pulled into the current.

Edna reached up and tried to grab something. Her hand grabbed a rope that was attached to the front of the boat. She held on to the rope with all her might. The currents were spinning her around, but she kept a tight grip on the rope. Slowly she pulled herself up to the boat. She came out of the water coughing.

As soon as she caught her breath, she called, “Carla, Carla!” She had salt water in her eyes, so she couldn’t see well.

“I’m here,” Carla answered.
Edna rubbed her eyes with one hand and looked in the direction of the voice. Carla was sitting in the boat. She helped Edna get into the boat. The sky was so dark now that it was almost like night.

Suddenly, there was a terrible explosion. The explosion had so much force that it seemed to press the air against Edna's face. This pressing feeling came before the sound of the explosion. The sound was like nothing that Edna had ever heard. It was so loud that her ears rang for hours. That explosion had so much force that it knocked down all the trees on the island.

The girls began to row away from the island. "Where are we going to go?" Carla asked.

"I don't know," Edna replied. "I don't know." She did know one thing, however. She knew that she didn't want to be near that island.

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**Number your paper from 1 through 25.**

**Skill Items**

**Use the words in the box to write complete sentences.**

<table>
<thead>
<tr>
<th>displayed</th>
<th>adventure</th>
<th>exploded</th>
<th>reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>rim</td>
<td>glanced</td>
<td>mysterious</td>
<td>directed</td>
</tr>
</tbody>
</table>

1. The [ ] of the volcano [ ].
2. The new exhibit [ ] [ ] fish.

---

**Review Items**

3. What season is it at the North Pole when the North Pole tilts toward the sun?
4. What season is it at the North Pole when the North Pole tilts away from the sun?
5. In what season are animals most dangerous in Alaska?
6. During what season do female animals in Alaska have babies?
7. Things closer to the bottom of the pile went into the pile [ ].

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8. Write the letter of the layer that went into the pile first.
9. Write the letter of the layer that we live on.
10. Which layer went into the pile later, A or B?
11. Write the letter of the layer where we would find the skeletons of humans.
12. Write the letter of the layer where we find the skeletons of dinosaurs.
13. Write the letter of the layer where we find the skeletons of horses.
14. What’s the name of layer C?
Use these names to answer the questions:
**Tyrannosaurus, Triceratops.**

15. What is animal R?
16. What is animal S?

17. What are clouds made of?
18. What kind of cloud does the picture show?
19. What happens to a drop of water at B?

20. The picture shows half a hailstone. How many times did the stone go through a cloud?
21. Which letter on the map shows Alaska?
22. Which letter shows Canada?
23. Which letter shows the main part of the United States?
24. Which 2 letters show where Eskimos live?
25. How warm is it during winter in Alaska?
1. What comes out of a volcano?

2. Draw arrows at A, at B and at C to show the way the melted rock moves.

3. Two things happen to melted rock when it moves down the sides of a volcano. Underline those 2 things.
   - It gets hotter.
   - It gets cooler.
   - It hardens.
   - It runs faster.
   - It gets softer.

4. What is it called when the earth shakes and cracks?
**Story Items**

5. When Edna was near the clearing in the last story, she couldn’t see Tyrannosaurus. **Underline** 2 ways she knew that Tyrannosaurus was nearby.
   - She could taste it.
   - She could hear it.
   - She could feel its skin.
   - She could smell it.

6. What came into the clearing when Tyrannosaurus was moving back and forth? __________________________________________

7. At the beginning of today’s story, Tyrannosaurus was fighting **__________**.
   - Triceratops
   - a mammoth
   - a flying dinosaur

8. Who won the fight? ________________________________________

9. What kept making the earth rock from side to side?
   - earthquakes
   - the volcano
   - the storm

10. What made the boiling cloud of smoke? _________________________

11. Why did Edna fall down on the beach? _________________________

12. When the girls were in shallow water, what formed underwater?

13. Who fell into the crack? _____________________________

14. What did the volcano do just after Edna got into the boat?

15. Did the girls know where they were going to go at the end of the story?

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**GO TO PART D IN YOUR TEXTBOOK.**

Lesson 33

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