



Teacher's Notes: Hurricane Florence

General Tips: The goal is to build background knowledge while leading an engaging discussion on any and all information that can be talked about on a given page. The items that you choose to bring up or focus on can be modified for the students you are working with. For example, if you have a student who can point to something in the picture, answer yes/no questions be sure to incorporate a lot more of that as you go through the book. On the same token, be sure to ask a lot of comprehension questions and critical thinking questions at the level appropriate for students working on those skills. There is something for everyone.

Addressing problem solving: Throughout the e-book, help students identify the problems that are involved and choice making opportunities throughout the article.

Page 1 There are a lot of kinds of rocks. Some are made from volcanos. One type is a fossil. They are a special kind of rock. They are made when a plant or animal gets covered with mud and it turns into a rock It takes 10,000 years for a fossil rock to be made. The plants and animals in those rocks are very, very old. Some fossils are dinosaurs! **Point:** fossil with flower in it, picture of a flower, fossil with a shrimp in it. Picture of a shrimp **Question:** What is a fossil? What has to be in a rock for it to be a fossil? **Connect:** Have you ever seen a fossil rock?

Page 2: Charles Marshall is a paleontologist. That is a type of scientist. He studies fossils. Scientists like to look at the plants and animals in fossils to learn about plants and animals a long, long time ago. Sometimes they use a microscope to look closely at them. Sometimes they find dinosaur bones. Paleontologists work all over. Charles Marshall works in California. He likes studying fossils . **Point:** California, your state, microscope, bones **Questions:** What is a paleontologist? Where is he from? What is his name? **Connect:** Do you like to study science? What are some things that scientists know about?

Page 3: There are a lot of fossils outside. When people find really interesting fossils they give them to museums. Sometimes the museums have so many things they can't put all of it out for people to see. **Point:** fossils, plants, rocks at the museum **Questions:** Where can people see fossils? What is a fossil rock? **Connect:** Have you ever been to a museum? What is in museums?

Page 4: The museums get so many things that sometimes they have to put what they get in boxes. They don't have room for it. Sometimes they don't even know what is in the boxes. There is so much there. Scientists don't like that, because they want to see what is in the boxes so they can study it. **Point:** boxes, fossils **Question:** How many boxes are there? In the museums there are more than 100! Why do scientists want to see what is in the boxes? **Connect:** Do you have boxes at your house? What is in them?

Page 5: There are a lot of museums all over the world. There is one in Brazil that has a lot of really important things. They have so much stuff that a lot of it is in boxes. No one has taken a pictures of that stuff. **Point:** museum, palm trees, lawn, map, USA, Brazil **Questions:** Where is the museum? What is in

Brazil? What is in a museum? **Connect:** The people in Brazil speak Portuguese. Do you know of any other languages?

Page 6: The museum in Brazil caught on fire September 2nd. That museum had a lot of boxes of really important stuff. The boxes burned up. No one had any pictures of the stuff in those boxes. Now it's gone. **Point:** fire, museum, September 2nd **Questions:** What date was the fire? What caught on fire? Why were people sad about the boxes burning? **Connect:** Have you ever seen a fire on TV? What do you know about fires?

Page 7: Charles Marshall is upset about the boxes burning. Scientists really want to see what is in those boxes .He worries that if another museum burns down and no one took pictures of the stuff in there, they might lose more. The picture has a thinking bubble. It show us what he is thinking about. **Point:** Marshall, dinosaur skull, thinking bubble, boxes, flame **Questions:** What is Marshall worried about? What is he wearing? **Connect:** Would you like to see a dinosaur skull? What is something you think about?

Page 8: Marshall has an idea. He thinks that museums need to take a picture of everything that they have. They need to open the boxes and take pictures. That way if there is a fire, or a flood, there are still pictures of the things in the museum . **Point:** Marshall, fish bones, mummy, camera **Questions:** Why does he want pictures? What is his idea? **Connect:** What would you like to have pictures of? Why?

Page 9: The museums are going to start taking more pictures. That makes Marshall happy. He was worried about boxes burning. **Point:** camera, Marshall **Questions:** Why is Charles Marshall happy? What does he want museums to do? Why?