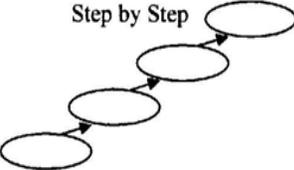
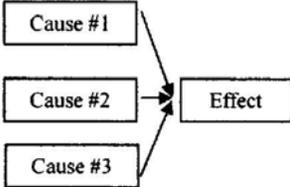
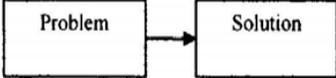
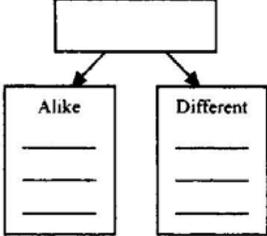


# Text Structure 2

**Directions:** Read the passages and on a sheet of paper, **put the information from each passage into an appropriate graphic organizer.** The following graphic organizers are examples. Feel free to make changes if necessary. Each is used **at least once.**

Chronological	Sequence	Cause and Effect	Problem and Solution	Compare and Contrast
<p style="text-align: center;"><b>Time Line</b></p> 	<p style="text-align: center;">Step by Step</p> 			

## 1. The Age of the Dinosaurs

Dinosaurs existed about 250 million years ago to 65 million years ago. This era is broken up into three periods known as the Triassic, Jurassic and Cretaceous periods. The Triassic Period lasted for 35 million years from 250-205 million years ago. Planet Earth was a very different place back then. All the continents were united to form one huge land mass known as Pangaea. The Jurassic Period was the second phase. The continents began shifting apart. The time scale for this famous period is from 205 to 138 million years ago. The Cretaceous Period was the last period of the dinosaurs. It spanned a time from 138 million to about 65 million years ago. In this period the continents fully separated. However, Australia and Antarctica were still united.

## 2. Vicious Predators

The Cretaceous Period was filled with dangerous predators, but two of the most feared hunters were the tyrannosaurs rex and the velociraptor. The tyrannosaurs rex was one of the largest carnivores to ever walk the Earth. He was 20 feet tall and weighed seven tons. His jaws could crush down with 3,000 lbs. of force, enough to smash the bones of his prey. The velociraptor was very small compared to rex. Raptors only stood three feet tall and were seven feet long, weighing merely 35 pounds. But the velociraptor was fast. Scientists think that raptors could run 24 miles per hour and turn on a dime. Both dinosaurs used their jaws to kill prey, but the raptor had a secret weapon: a retractable toe claw that he pulled out like a knife to slash at his prey. Both dinosaurs had eyes on the front of their heads, which helped them track prey. If these two dinosaurs had fought, it would be difficult to say which would win; however since raptors died over ten million years before the first tyrannosaurs was born, scientists don't believe such a fight ever occurred.

### **3. Creating a Dinosaur Sculpture**

**Materials:** pipe cleaners, clay, non-toxic paint

Wouldn't you like a scary dinosaur model on your desk to protect your pencils and textbooks? You can easily make one by following these simple directions. First, bend your pipe cleaners to make the frame of your dinosaur. I suggest you create a tyrannosaurus frame by using one long pipe cleaner as his neck, spine, and tail, and then bend another into a u-shape to make his feet. Wrap the feet around the spine piece. Next, roll out clay to wrap around the pipe cleaners. Let the clay dry overnight. The next day you may want to paint your dinosaur using non-toxic paint. His eyes should be white, but feel free to color your dinosaur as you wish. Nobody really knows how dinosaurs were colored, so don't let anyone tell you that your dinosaur can't be pink. Lastly, put him on your desk and watch as he or she scares away bullies and pencil thieves.

### **4. What Happened to the Dinosaurs?**

There are many theories about why the dinosaurs vanished from the planet. One theory that many people believe is that a gigantic meteorite smashed into the Earth. Scientists believe that the meteorite was very big and that the impact may have produced a large dust cloud that covered the Earth for many years. The dust cloud may have caused plants to not receive sunlight and the large plant eaters, or herbivores, may have died off, followed by the large meat eaters, or carnivores. This theory may or may not be true, but it is one explanation as to why these giant reptiles no longer inhabit the Earth.

### **5. Fossil Mishap**

It's important to think critically about the information that you receive, or else you may be led astray. For example, the brontosaurus is a type of dinosaur that never really existed. Many people still believe in the brontosaurus today, but the "brontosaurus" is actually the body of an apatosaurus with the head of a camarasaurus. This concocted creature was made from two mismatched fossils. Had more people thought critically about these findings, analyzing the components that were presented, entire generations of school children may not have been misinformed; therefore, think critically about the information that people tell you, even if it's information you find on a book or in a worksheet. Keep these problems in mind when conducting your studies.

### **6. Dino the Dinosaur**

One day Dino the Dinosaur decided to go for a walk to the watering hole. It was a sunny day and the sky was blue and clear. Dino was thinking about his girlfriend Dina when he saw a pack of wild lizards and animals running through the plains in a frenzy. Dino tried to ask the critters why they were running, but they just kept running. Dino scratched his dinosaur head and continued walking toward the watering hole. Soon after, Dino heard a loud thumping noise like the slow beat of a drum. The earth shook and fruit fell from the trees, but Dino was so deep in thought over his girl Dina that he didn't even notice. The thumping grew louder and louder as Timmy the Tyrannosaurus Rex approached Dino. Dino kept thinking about his girl Dina until the moment Timmy ate him.