


Table of Contents

1. Teacher Input Ideas
2. Teacher Evaluation Record
3. Student Activity Checklist
4. Vocabulary List of Dinosaur Names
5. Dinosaur Information Sheets and Follow-up Question Sheets
 - a. Brontosaurus
 - b. Diplodocus
 - c. Brachiosaurus
 - d. Tyrannosaurus rex
 - e. Allosaurus
 - f. Trachodon
 - g. Stegosaurus
 - h. Ankylosaurus
 - i. Triceratops
 - j. Ichthyosaurs
 - k. Plesiosaurs
 - l. Mosasaurs
 - m. Pteranodon
 - n. Archaeopteryx
6. Dinosaur Booklet and Follow-up Question Sheets
 - a. Title Page
 - b. Dinosaur Days
 - c. The Age of Reptiles
 - d. Warm-Blooded or Cold-Blooded?
 - e. Disappearing Dinosaurs
 - f. Groups of Dinosaurs
 - g. Having Babies
 - h. Dinosaur Defences
 - i. Fossils
 - j. Collecting Dinosaur Bones
7. Crossword Puzzle and Word Find
8. Brontosaurus Bingo
9. Picture Cards for Identification Activity
10. Identification Key
11. Thirty-four Research and Creative Activities
12. Answers to Question Sheets
13. Four Blank Activity Cards

Tyrannosaurus Rex




Probably the most well-known dinosaur of them all is the Tyrannosaurus rex. This largest and most fearful of all the meat-eaters lived 120-60 million years ago. The Allosaurus was long gone and replaced by the larger and more terrifying Tyrannosaurus rex. Its name means 'tyrant king' for it truly was the king of the lizards.

It was almost 17m (50') long from nose to the tip of its tail and it stood over 6½m (20') tall. Imagine having the head of Tyrannosaurus rex peeking at you through your second story window.

The Tyrannosaurus rex had powerful hind legs which made it a swift hunter. Each foot had four toes; three fierce toes with 20cm (8") claws pointing forward and one smaller toe pointing backward. The forearms were extremely small for such a large dinosaur. They were almost useless but had two clawed fingers on each arm. These short 75cm (30") arms may have been used to help the Tyrannosaurus rex stand up.







Tyrannosaurus Rex



- Do you think the Tyrannosaurus rex deserves the nickname, the 'tyrant king'? Give reasons to support your feelings. _____
- Do you think the Tyrannosaurus rex was the most ferocious, most terrifying creature the Earth has ever known? _____

Triceratops


4. In point form, tell one way each of the following Ceratopsians was different from the other horned dinosaurs shown.

<p>Monoclonius</p> 	<p>Torosaurus</p> 
<p>Protoceratops</p> 	<p>Pentaceratops</p> 
<p>Triceratops</p> 	<p>Styracosaurus</p> 

The Age of Reptiles

Fill in the blanks.



- The period of time on Earth that began 225 million years ago and ended 65 million years ago is called the _____ or the _____.
- This period of time is divided into:
 - _____
 - _____
 - _____
- The giant plant-eating dinosaurs lived during the _____ which was also called _____.
- Ferocious meat-eaters like Tyrannosaurus rex and armoured plant-eaters like Ankylosaurus lived during the _____. It was also called the _____.
- Dinosaurs roamed the Earth for _____ years.
- When dinosaurs died out, _____ took over as the rulers of the Earth.




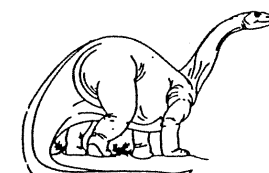
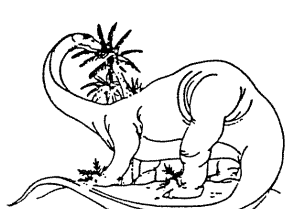
Groups of Dinosaurs

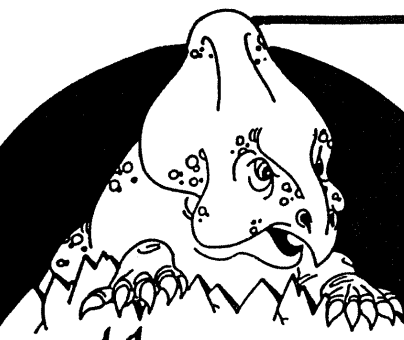
Of all the different dinosaur types found, scientists have been able to group them together. Here are some of the more important groups.

A. Theropods
 These dinosaurs were the two-legged meat-eaters. They came in many different sizes and all had sharp teeth and claws.

<p>Tyrannosaurus rex 17m (50') long 6.5m (20') tall</p> 	<p>Allosaurus 10m (35') long 4m (14') tall</p> 	
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B. Sauropods
 The largest land animals that ever lived were plant-eaters called 'Sauropods'. These harmless giants had long necks and tails and walked on all four legs.

 <p>Brachiosaurus 23-24m (75'-80') long</p>	 <p>Brontosaurus (Apatosaurus) 20-25m (70'-90') long</p>	 <p>Diplodocus 27m (90') long</p>
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Having Babies

Illustrate the exciting find that a teacher discovered in 1978. Write a brief explanation to go with your picture.


3.

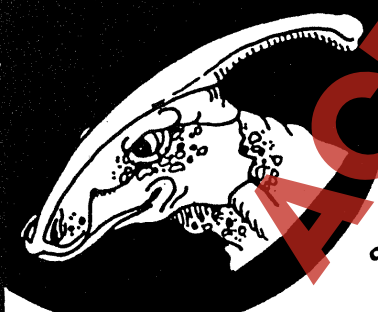

An Imaginary Trip

Write a story about your trip to the land of the dinosaurs. Tell about all the exciting and dangerous places you found.

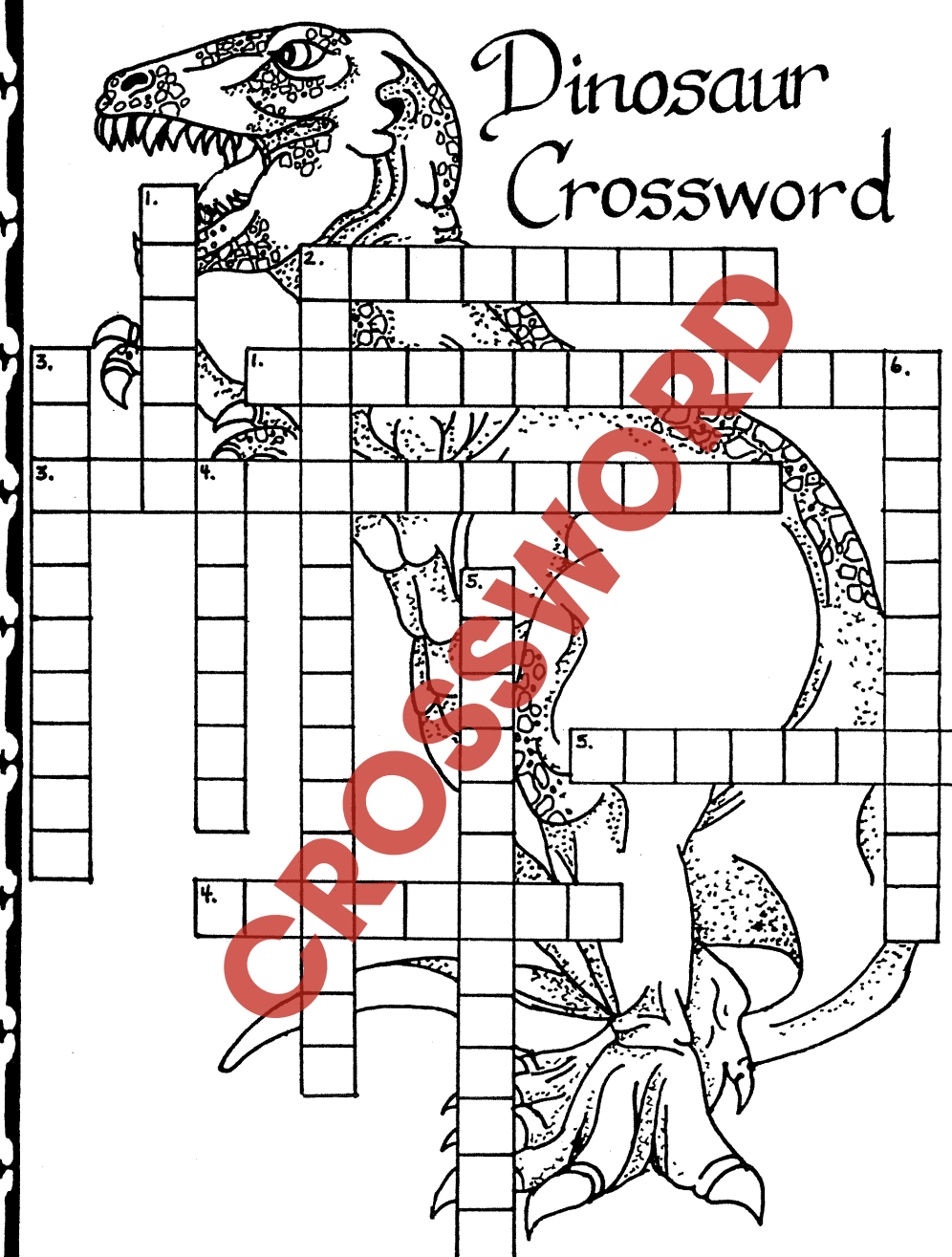



Survey

Survey the class and determine which dinosaurs are the most popular. Rank in order the five most popular dinosaurs.


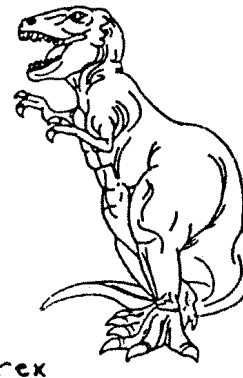



Dinosaur Crossword




Allosaurus

Compare Allosaurus with Tyrannosaurus rex. Tell four ways they were different.





Allosaurus	Tyrannosaurus rex
1.	
2.	
3.	
4.	

Can you think of another way they are different?



Tyrannosaurus Rex



1. Do you think the Tyrannosaurus rex deserves the nickname, the 'tyrant king'? Give reasons to support your feelings. It was the largest of the meat-eaters. Each powerful hind leg had three fierce toes with 20cm (8") claws. Its powerful jaws had 15cm (6") teeth. The mouth could be opened as wide as one metre (3').

2. Do you think the Tyrannosaurus rex was the most ferocious, most terrifying creature the Earth has ever known?

Answers will vary.


Allosaurus

Compare Allosaurus with Tyrannosaurus rex. Tell four ways they were different.

1. smaller in size than T. rex	larger than Allosaurus
2. forelegs longer and more useful	short forelegs
3. three fingers on each arm	two fingers on each arm
4. teeth curved backward towards the throat	teeth long and straight

Can you think of another way they are different?
 Allosaurus lived during the Jurassic Period. T. rex came later during the Cretaceous Period.


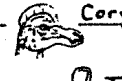


Trachodon (Anatosaurus)



Fill in the blanks.



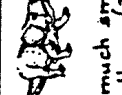
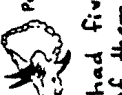


- Trachodon was a duck-billed dinosaur.
- It lived near the water and loved to eat water plants and shelled animals.
- Its duck-shaped mouth had a total of about 2000 teeth.
- The Trachodon looked very much like a Rangaroo.
- It could grow to be 10m (30') long and stood 5m (16') high.
- The feet were webbed which made it a good swimmer.
- Many duck-billed dinosaurs had unusual crests on their heads which may have been used as oxygen tanks or to give the duckbill a very good sense of smell.

Name these duckbill dinosaurs.

 Lambeosaurus	 Corythosaurus
 Parasaurolophus	 Tsintaosaurus

Triceratops

In point form, tell one way each of the following Ceratopsians was different from the other horned dinosaurs shown.

 Monoclonius - one large horn on the nose and two short ones over each eye - smaller neck shield	 Torosaurus - had the longest neck shield of all. - 2.5m (8') long
 Pentaceratops - much smaller than others (2m (6'-8")) - no horns	 Pentaceratops - had five horns, two of them growing at the cheeks
 Triceratops - the largest of the Ceratopsians	 Styracosaurus - bony spikes along the edge of the shield