



ACTIVITY PACK



TEACHER ACTIVITY PACK

Dear Educator,

This activity pack is a companion piece to the ***The Dinosaur Quest of Dr. T-Rex***, a unique and totally interactive presentation that motivates your students to discover the amazing world of dinosaurs through the essential skills of writing and reading.

Regardless of the grade level you teach, this activity pack will help you carry the learning experience into the classroom with great activities and ideas. Some pages are appropriate to reproduce for your students; others are designed especially with you, the educator, in mind. We know every class is unique, so we encourage you to pick and choose the ideas that best meet the needs of your class.

Thank you for sharing this special experience with your students. We sincerely hope you enjoyed ***The Dinosaur Quest of Dr. T-Rex*** as much as we enjoyed providing a high-quality, fun-filled, educational experience with your class.

Roar,

Dr. T-Rex

MY PET DINOSAUR

What would you do if you had a pet dinosaur?
Draw and write about it below.

K-6



WHAT'S FOR DINNER?

Theropods were all **bipedal** which means they walked on two feet. There were small and large **carnivores** (or meat-eating dinosaurs.) They had sharp teeth that curved inward to hold their prey, and powerful bone crunching jaws.

Sauropods were **quadrupeds**—they walked on four legs, had a small head, long necks and really long tails that they used for balance. They were **herbivores** or plant-eating dinosaurs. Most had long, thin teeth that were blunt, not sharp. They used these teeth to pull leaves off branches.

Match the dinosaur with their food of choice below:

Styrcosaurus

Allosaurus

Velociraptor

Brachiosaurus

Ankylosaurus

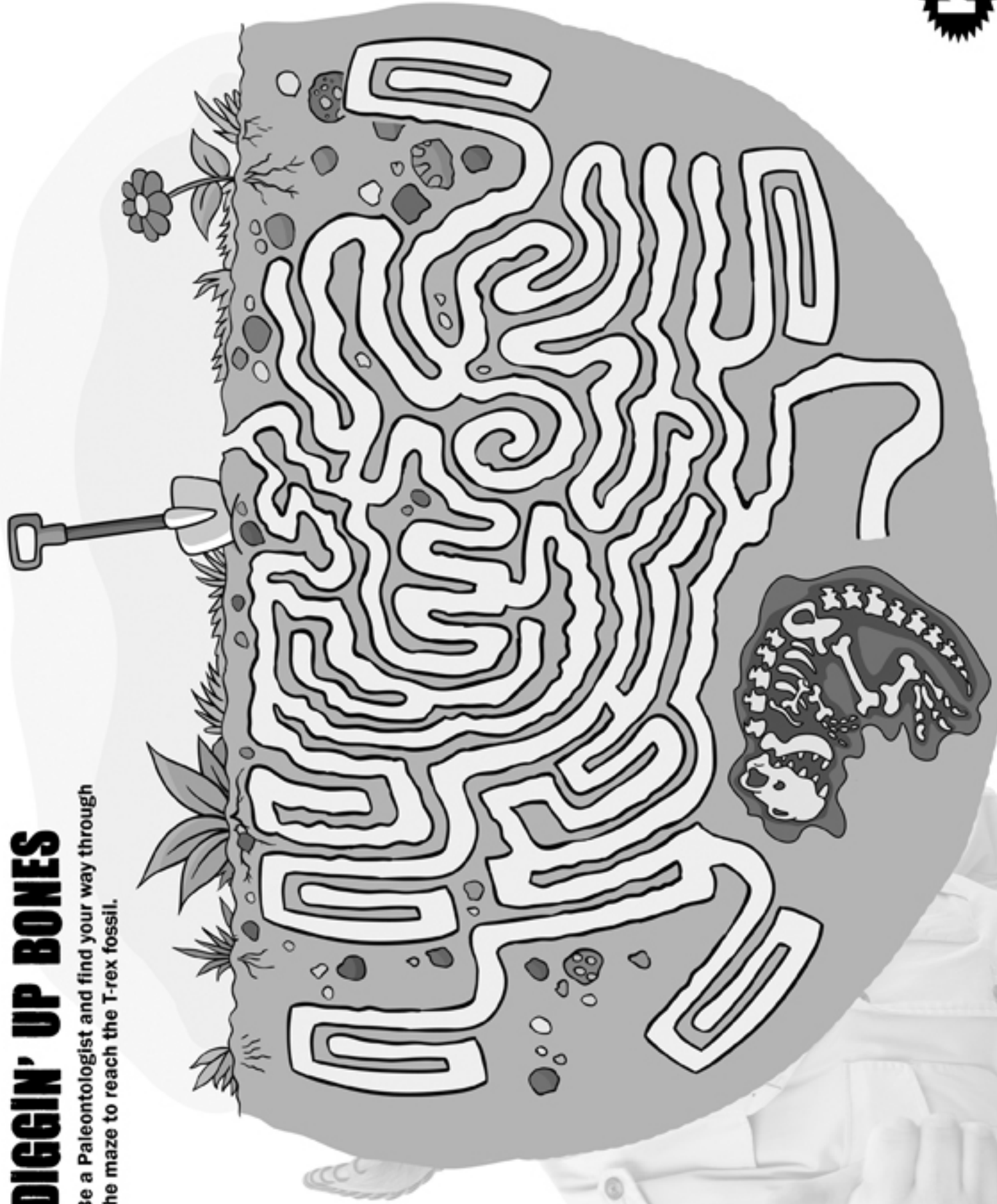
MEAT

PLANTS

4-6

DIGGIN' UP BONES

Be a Paleontologist and find your way through the maze to reach the T-rex fossil.



K-3

DID I LIVE IN THE LATE CRETACEOUS?

Pretend you traveled back in time to the Late Cretaceous Period. Circle YES, if you would see the animal in this time period. Circle NO if that animal is a modern day animal.



(Diplodocus)
YES - NO



(Iguana)
YES - NO



(Archaeopteryx)
YES - NO



(Koala)
YES - NO



(Pterodactyl)
YES - NO



(Clown Fish)
YES - NO



(Stegosaurus)
YES - NO



(Giraffe)
YES - NO



(Triceratops)
YES - NO



(Dragonfly)
YES - NO



(Dog)
YES - NO



(McCaw)
YES - NO



(Velociraptor)
YES - NO



(Megalodon)
YES - NO



(Flowers)
YES - NO



(Tyrannosaurus rex)
YES - NO

DINOSAUR CLUES

What if you were a Paleontologist hunting for dinosaur clues and your only tool was a mirror? Can you name the dinosaur by figuring out the clues?



I have 60 teeth that are
sharp as knives and one
powerful bite!



I have tiny arms and a big
head.



My name means 'tyrant
lizard king.'



SEARCH-A-SAURUS

Find the words in the grid below. Search up, down, left, right, backwards and diagonally.

Iguanodon	Pterodactyls	Archaeopteryx
Stegosaurus	Ankylosaurus	Troodon
Triceratops	Velociraptor	Brachiosaurus



L	S	T	E	G	O	S	A	U	R	U	S	S	S	M
N	O	D	O	N	A	U	G	I	K	D	K	U	U	A
S	A	C	U	L	B	H	R	P	E	A	Z	O	R	R
W	G	X	E	K	R	V	D	T	W	T	U	S	U	C
X	W	M	J	A	F	J	Y	E	N	R	K	U	A	H
W	J	K	R	T	R	G	L	R	P	I	B	R	S	A
D	D	X	T	M	M	A	V	O	A	C	M	U	O	E
T	B	U	C	B	Z	Q	D	D	H	E	N	A	L	O
B	R	A	C	H	I	O	S	A	U	R	U	S	L	P
U	Y	O	K	Y	G	C	X	C	C	A	G	O	A	T
H	U	N	O	W	I	C	U	T	D	T	K	L	R	E
V	D	D	K	D	Z	R	B	Y	Z	O	Y	Y	R	R
E	H	Y	U	C	O	B	D	L	L	P	N	K	V	Y
T	G	V	Y	E	D	N	C	S	R	S	A	N	U	X
R	O	T	P	A	R	I	C	O	L	E	V	A	N	Z

4-6

PREHISTORIC TIMES

The Cretaceous Period was a time where dinosaurs roamed the earth and flying reptiles ruled the skies. Choose a title from the list below and write your own story about prehistoric times.

1. My pet is a Tyrannosaurus rex
2. An Iguanodon Lives Next Door
3. Attack of the Pterodactyls
4. Marvin the Megalodon
5. My Dinosaur Egg is About to Hatch
6. I Found a Fossil

Try writing an acrostic poem. Print your name vertically and use a word about prehistoric times. Beside each letter put a word or phrase. Example:

Fossils tell us about
Our Earth's history.
Shells and bones
Show us the earliest life forms.
Iguanodons, Pterosaurs, and Fish
Left their marks behind.

THE DINOSAUR QUEST OF DR. T-REX

Creative Writing Prompts

- What if you found the fossil of a new dinosaur? How would you get the fossil out of the rock without destroying it? Where did you find the fossil? What would you name your new dinosaur?
- What if you found a nest of dinosaur eggs? What if they hatched? How would you take care of them? What if they grew really fast and got really big? Where would you keep them?
- What if you were sent back in time to the age of dinosaurs? How do you think you would survive? What is something surprising about life in the Cretaceous Period?
- What if you had a pet Pteradactyl and you could ride on its back and fly in the air. Where would you go? What would you see?
- What if you had special super powers and could transform into a dinosaur? What would you look like? What is different and special about you? Would you be a mean or friendly dinosaur?
- What if dinosaurs were not extinct and they still roamed the Earth? How do you think life would be different?
- What if you were a Paleontologist and traveled around the world. What would be your most famous discoveries?
- What if you could change your name based on your unique features? What dinosaur do you most resemble? What do you think your new name would be?
- What if you discovered an island where dinosaurs still lived? Would you tell anyone? Why do you think the dinosaurs survived and are living on the island?

LETS DISCUSS THE SHOW

- What was your favorite part of The Dinosaur Quest of Dr. T-Rex? Explain the most fascinating fact you learned about one of Dr. T-Rex's dinosaurs?
- Describe your job if you were a Paleontologist. Why do scientists, like Dr. T-Rex, study dinosaur bones and other fossils? Can you name three tools a Paleontologist would use to uncover a fossil?
- What happened to all the dinosaurs? Are there any dinosaurs alive today? Can you name a modern day animal that is a descendant of dinosaurs?
- Theropods were carnivores (meat-eating dinosaurs). They were bipedal, which means they walked on two feet. How many of these dinosaurs can you name?
- Sauropods were herbivores (plant-eating dinosaurs). They were quadrupeds, which means they walked on four legs. How many of these dinosaurs can you name?
- How do scientists know which dinosaurs were predators and which were prey? What special features of a predator's body did they use to catch and kill their prey? Can you name parts of a dinosaur's body used for defense from a predator?
- Why did Dr. T-Rex and other Paleontologists think some dinosaurs had feathers? Why was the Archaeopteryx fossil found so important? Was it because it showed the imprint of feathers?
- True or False: The Iguanodon was the first herbivore (plant-eating) dinosaur ever named? Did the Iguanodon remind scientists of the modern-day iguana because of its leaf-shaped teeth? When scientists discovered remains of Iguanodon, they found a bone shaped like a horn. On what part of the body did they think the bone belonged? Where did the bone really belong on its nose or its hand?
- Why do scientists think the Troodon was the smartest dinosaur? Did this dinosaur eat plants or meat? How big was the brain of a Stegosaurus? Was it considered a smart dinosaur? Who has a bigger brain, dinosaurs or humans?