

Dinosaurs

What were the dinosaurs? Dinosaurs were a group of reptiles which dominated the world for more than 140 million years. This era was called the Mesozoic era and we can break it into three different periods, the Triassic period, the Jurassic period and the Cretaceous period. Dinosaurs took on a huge variety of shapes and sizes but became extinct 66 million years ago.

The Triassic Period

The Triassic period was between, (please shade in the correct answer)

300-252 million years ago	252-201 million years ago	201-150 million years ago
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At the start of the Triassic period all the continents were connected together creating a supercontinent called _____. This picture shows how today's countries would have fit into the supercontinent.



Picture: Massimo Pietrobbon https://commons.wikimedia.org/wiki/File:Pangea_political.jpg

The climate would have been hot and dry and much of the land covered with large

D _____

Coelophysis (pronounced seel-OH-fie-sis) was one of the dinosaurs of this period.



This dinosaur was a (tick your answer)

Herbivore	
Carnivore	
Omnivore	

Coelophysis means _____. This name comes from their hollow bones which would have given *Coelophysis* a light body, helping it to be quick and agile.

In the word search below are some of the dinosaurs that lived during the Triassic period, can you find them all?

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

CHINDESAURUS
 COELOPHYSIS
 COLORADISAURUS
 EORAPTOR
 LYCORHINUS
 PLATEOSAURUS
 RIOJASAURUS
 SALTOPUS

The Triassic period ended with the mass extinction of many species. This was caused by

A Meteor	An Ice Age	High Volcanic Activity
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which led to severe global warming and the acidification of the seas.

The Jurassic Period

The Jurassic period was between,

201 to 145 million years ago	145-100 million years ago	100-65 million years ago
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By the Jurassic period Pangea had started to break apart and the dinosaurs became separated by seas. This caused them to adapt and diversify creating many new species through evolution. There was also plenty of lush vegetation.

Who am I? (draw a line between the description and the correct dinosaur)

I am a sauropod, my name means 'double beam' and I could reach a huge 25m in length.	I am a carnivore which specialised in aquatic prey. I reached 5 meters in length and my name means 'horned lizard'.	I am a herbivore, my name means 'roofed lizard' and I reached up to 9 meters in length.
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Stegosaurus



Diplodocus



Ceratosaurus

In the word search below are some of the dinosaurs that lived during the Jurassic period, can you find them all?

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

ALLOSAURUS
ARCHAEOPTERYX
BRACHIOSAURUS
CERATOSAURUS
DIPLODOCUS
MEGALOSAURUS
SCELIDOSAURUS
STEGOSAURUS

The Cretaceous Period

The Cretaceous period was between,

250-199 million years ago	199-145 million years ago	145-66 million years ago
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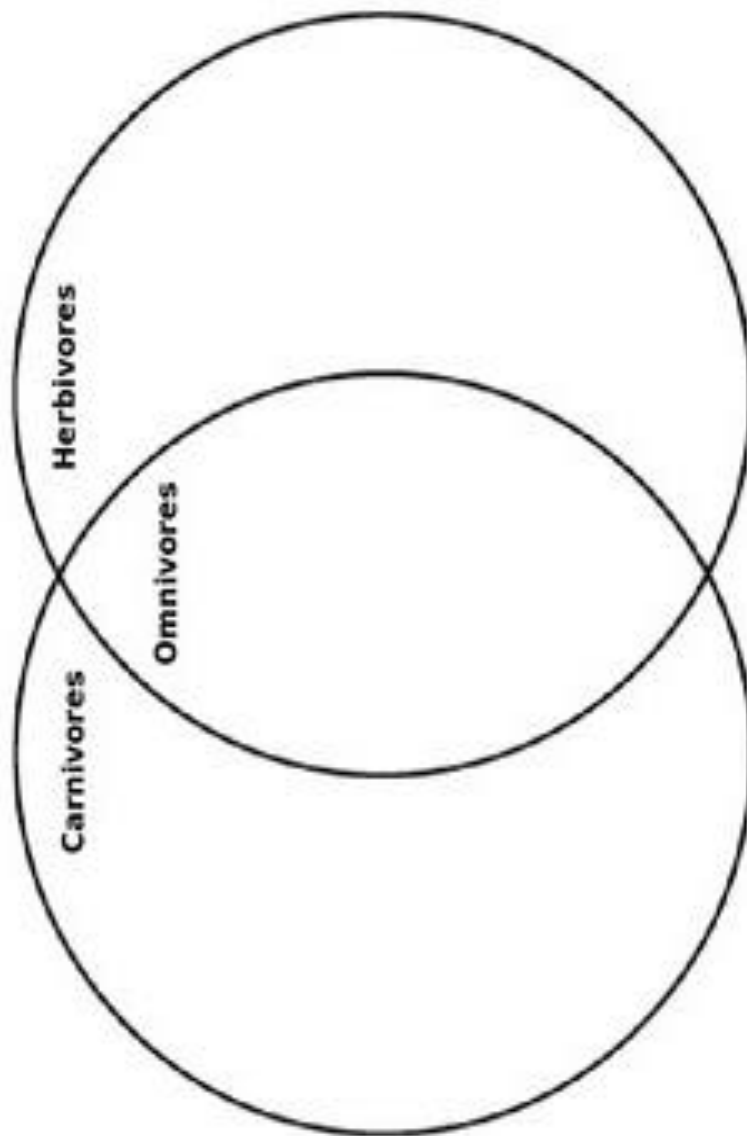
During the Cretaceous period the land continued to separate into some of the continents we might recognise today (but in different positions). This meant that dinosaurs evolved in different parts of the world, becoming even more diverse. Many of the most famous dinosaurs lived during this period.

In the word search below are some of the dinosaurs that lived during the Cretaceous period, can you find them all?

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

ANKYLOSAURUS
IGUANODON
OVIRAPTOR
PARASAUROLOPHUS
POLACANTHUS
SPINOSAURUS
TRICERATOPS
TYRANNOSAURUS REX
VELOCIRAPTOR

Now can you organise these dinosaurs into the Venn diagram below based on their diet? (If you aren't sure our website can help!)



Sadly 66 million years ago the dinosaurs disappeared completely (except for birds). Evidence suggests that this was caused by, (please shade the correct two)

Volcanic Activity	Natural Causes	Ice Age
They Stopped Evolving	Asteroid impact	Habitat Loss

Which was your favourite dinosaur and why?
