

# My, what large jaws you have!

A mosasaur's specialized jaw enabled it to swallow prey whole. Its lower jaw was lined with large, cone-shaped teeth and hinged at the front and sides.

The roof of its mouth had a set of small teeth. These held prey in place while the lower jaw slid backward, pulling prey down the throat.



## Eat like a mosasaur

Put your palms together and stretch out your arms. Then slide your hands back toward you.

## Who are we?

Other animals have teeth and jaws similar to mosasaurs. Find them slithering on the sixth floor.



# Tongue-twisted?

## Try to pronounce these names

<b>Ammonite</b>	<b>AM – uh – nite</b>
<b>Archosaur</b>	<b>AR – ka – sawr</b>
<b>Cephalopod</b>	<b>SEF – a – lo – pod</b>
<b>Clidastes</b>	<b>kli – DAS – teez</b>
<b>Cretoxyrhina</b>	<b>kree – tox – ee – RY– nuh</b>
<b>Dallasaurus</b>	<b>dal – la – SAWR – us</b>
<b>Hesperornis</b>	<b>hes – per – OR – nis</b>
<b>Ichthyosaur</b>	<b>ICK – thee – oh – sawr</b>
<b>Mosasaur</b>	<b>MOE – sah – sawr</b>
<b>Platecarpus</b>	<b>pla – tee – KAR – pus</b>
<b>Plesiosaur</b>	<b>PLEE – zee – oh – sawr</b>
<b>Pterosaur</b>	<b>TEHR – oh – sawr</b>
<b>Squalicorax</b>	<b>squay – luh – KOR – ax</b>
<b>Theropod</b>	<b>THER – oh – pod</b>
<b>Tylosaurus</b>	<b>tie – lo – SAWR – us</b>
<b>Xiphactinus</b>	<b>zi – FAK – tin – us</b>

Scientific names are in italics.

## KANSAS STATE FOSSIL **TYLOSAURUS**



Image courtesy National Geographic's Sea Monsters: A Prehistoric Adventure ©MMVII NGHT, Inc.

## **MOSASAUR MUNCHIES TOUR**

Test your sleuthing skills

**KU Natural History Museum**

# MOSASAUR MUNCHIES

Read the poems to find  
some of the animals  
mosasaurs ate for lunch.

They are not dinos  
The lizard kings of the sea  
Dinner they may be

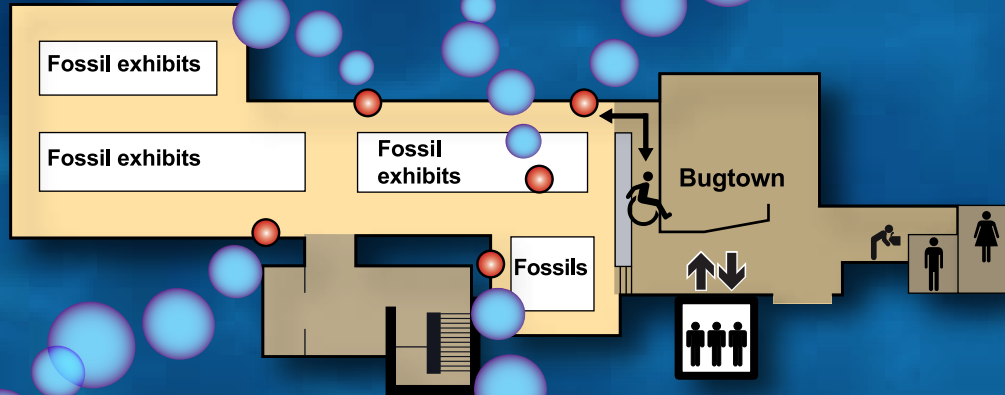
Flippers and strong beak  
A thick shell and scaly skin  
Flies through the water

Swims, but does not fly  
A long beak filled with sharp teeth  
Mmm, tastes like chicken

Tentacles to grab  
Think of cousin nautilus  
Rhymes with dynamite

Giant bony fish  
It sometimes scarfed down its friends  
Scary, jagged teeth

Third floor



## MENU

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

Answers: 1. Xiphactinus, 2. Turtle, 3. Mosasaur, 4. Hesperornis, 5. Ammonite