



I'm a plesiosaur. You can find me opposite the mosasaur in the Earth Sciences Gallery.

# Puzzling Past

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

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- BRONTOTHERE
- DINOSAURS
- FOSSIL
- MAMMALS
- MUSEUM
- SCIENCE
- COPROLITE
- DISCOVERY
- GEOLOGY
- MAMMOTH
- OIL
- SEDIMENTARY
- CRETACEOUS
- EARTH
- GLACIERS
- METEOR
- PREHISTORIC
- TERTIARY
- DEVONIAN
- EXTINCT
- HISTORY
- MINERALS
- ROCKS
- TRILOBITE

# Grades 4–8 | Earth Sciences Gallery

1. What creature living with the mosasaur in the Cretaceous sea is still found living in all of the world's oceans? \_\_\_\_\_

2. Would a real dinosaur bone be heavier than a fossilized bone?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Palaeontologists sometimes name dinosaurs for the place where they were found. What duck-billed dinosaur on display is named for a Canadian city? \_\_\_\_\_

4. What are coprolites? \_\_\_\_\_  
\_\_\_\_\_

5. Fill in the blanks. HINT: Found at *Early Meadows*.  
Open woodland with \_\_\_\_\_ formed in the early \_\_\_\_\_, 37 million years ago. Cool winters and rainy springs encouraged the \_\_\_\_\_ of ancient forests.

6. What is a major difference between the early horse, *Mesohippus*, and today's modern horse? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7. What is the *Brontothere* a distant relative of? \_\_\_\_\_  
\_\_\_\_\_

8. What mineral replaced the original material of the tree stump found in the gallery? \_\_\_\_\_

9. Where did the ancestors of the North American Mastodons come from? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

10. Three animals in the *Grassland Plains* display are similar to what animals found upstairs in the Life Sciences Gallery? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

11. How many glaciers have covered Saskatchewan in the past two million years? \_\_\_\_\_  
\_\_\_\_\_

12. Where and when were the museum's mammoth bones excavated? \_\_\_\_\_  
\_\_\_\_\_

13. What four animals seen in the diorama *Early in the Ice Age* become extinct in Saskatchewan by the end of the Ice Age?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_