

Name: _____ Date: _____ Period: _____

Richie's Stardust Mystery-Guided Discovery

What Killed the Last T-Rex?

Richie's Questions

Directions: Answer the following questions based on Richie's page and his related YouTube videos. Use full sentences and list where you found your answer (Expert Avatar, Stardust Mystery book excerpt, videos, Grandpa's Glossary, or other resources).

85. When was the last T-Rex on earth?

Source:

86. Why did the Cosmic Kids go to South Dakota?

Source:

87. How many carbon atoms have we inherited from a T-Rex?

Source:

88. How much bigger is a grain of sand than a carbon atom?

Source:

89. How high up did rocks fly after the asteroid hit earth?

Source

90. What did earth look like 10 years after the asteroid wiped out all the dinosaurs?

Source:

91. How big and fast was the asteroid?

Source:

92. How hot did earth's surface get after the asteroid hit?

Source:

93. What happened to any living creatures?

Source:

94. What creatures survived?

Source:

95. How did some creatures survive?

Source:

96. What is the Gubbio layer and why is it important?

Source:

97. What creature's survival is the most important to you?

Source:

Discussion/Assessment Questions: Use these for in class discussions, small group discussions, or an assessment

-What happened 66 million years ago?

-What effects did it have on our earth?

-What happened to earth and its inhabitants after the asteroid impact?

-What species were killed by this event?

-What creatures survived and why did they survive?

-What creature's survival is most important to us?

At Home-->Ask your kids...

- When were the last land dinosaurs alive?
- What killed the land dinosaurs?
- What creatures were able to survive the event and how did they survive?
- -What creature's survival is most important to us?
- Did we inherit atoms from dinosaurs?