



Date: _____ Name: _____ Number: _____

MARK SCHEME – Topaz Band 13 – What Happened to the Dinosaurs?

Page 2: Tick the three statements that accurately describe the purpose of the text on this page. (STRUC)

Highlights the characters the reader will encounter.	Outlines the setting that is featured in the story.	Prepares the reader for the main event in the story.
Gives an overview of the events that are to follow.	Gives the topic background to the reader. ✓	Provides the reader with a list of key words and where they can be found.
Captures the readers' interest and encourages them to read on. ✓	Directs the reader to where definitions to technical vocabulary can be found.	Introduces the topic to be discussed. ✓

Page 5: Look at the paragraph beginning 'We know that...'. In this paragraph, the author uses the word 'existed'. Which word below is closest in meaning to it?

(WORDS)

lived	endured	invented
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Page 5: How can scientists tell when the dinosaur was alive? (KNOWL)

They work out how old the rock is in which the fossil is contained.

Pages 6 & 7: Number these events to describe how a fossil is formed. (KNOWL)

2	Minerals found in water washes over the bones.
1	A layer of sand or mud buries a dead animal.
3	The bones become stone over time.
4	Soft parts of the animal can leave impressions in the stone too.
5	Other things can be fossilised too, even plants or footsteps.

Page 8: Use the glossary to find and copy the definition of the word '**climate**' as has been used on this page.

The long-term weather conditions of an area.

Page 9: Why do **you** think that Pangaea was called a supercontinent? (INF)

Accept answers that refer to Pangaea's size, that many of the continents we have today were originally one.

Page 12: How did the survival of some dinosaurs depend on certain plants? (KNOWL)

The dinosaurs that only ate a plant that died out, would die out too.

Page 17: What is amber?

Answers should relate to the image caption; 'Amber is fossilised resin from trees'.

Page 20: Do you think that this is a fact? Explain your answer below, making reference to the text. (KNOWL)

"...the Earth was in darkness for months as the air was full of ash and dust."

Accept answers that point out the phrase at the beginning of the quote which is "Some people think that..." that shows uncertainty amongst the experts.

Page 24: Give 3 reasons why scientists believe some dinosaurs developed into birds. (KNOWL)

- The skeletons of birds and dinosaurs are very similar.
- Both birds and dinosaurs lay eggs
- Some dinosaur fossils have been found with feathers.