



Big Question:

How do we know so much about dinosaurs?



Key Vocabulary:

Prehistoric: Relating to or denoting the period before written records. Very old.



Archaeologist: A person who excavates and analyses fossils or historical artefacts.



Palaeontologist: A person who studies fossils.



Extinct: No longer in existence.



New knowledge that will help me answer the big question: Fossils - The remains or impression of a prehistoric plant or animal embedded in rock and preserved in petrified form. They show us how life, landscapes, and climate have changed over time and how living things responded to those changes.



New knowledge that will help me answer the big question:

Excavation - Excavating: dislodging or digging Up fossils embedded or buried in the ground, or within a rock face. Archaeologists use excavation to find artefacts and fossils.



New knowledge that will help me answer the big question: Mary Anning -

Mary Anning was a famous fossil hunter. Anning's findings contributed to changes in scientific thinking about prehistoric life and the history of the earth. Her discoveries included the first correctly Identified ichthyosaur skeleton when she was old; the first two nearly complete plesiosaur skeletons.



New knowledge that will help me answer the big question: Cretaceous-Tertiary

Mass Extinction event -

About 65 million years ago, a space rock 6 miles (10 kilometres) wide now called the Chicxulub impactor slammed into Earth off the coast of the Gulf of Mexico. The collision caused the extinction of the dinosaurs.



New knowledge that will help me answer the big question: Dinosaur era - Millions of years before the present



As a historian, the essential knowledge I need to answer the big question is:	Date
Historical artefacts are objects that were made and used in the past.	
Mary Anning is significant because she was a famous fossil hunter and discovered lots of Fossils.	
Historical artefacts are objects that were made and used in the past.	
Historical sources include artefacts, written accounts, photographs and paintings.	
Significant historical events include those that cause great change.	
An asteroid wiped out the dinosaurs. This was significant because it caused most animals on Earth, including dinosaurs, to become extinct. It happened about 65 million years ago.	