

Paradise Lost, Arizona South of the Ice

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GOALS FOR VISIT

To help understand the history of life on earth through the study of Arizona during the last Ice Age (The Plio-Pleistocene Epochs).

Students Will Understand That: U Essential Questions Q

- The environment, land, climate and animals of Arizona were all different during the Ice Age.
- Many animals immigrated into and emigrated out of Arizona via two land bridges.
- A great many animals became extinct at the end of this geological period.

- What is an Ice Age?
- What is a land bridge and where were they?
- What can fossils tell us about the prehistoric world?

Students Will Know: K Vocabulary V

- That fossils are important to our understanding of the prehistoric past.
- That there are many famous fossil sites here in Arizona and even some in the East Valley.
- That Arizona was not covered in ice during the Ice Age.

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| emigrate | glacier |
| extinction | immigrate |
| fauna | land bridge |
| flora | paleontologist |
| fossil | petroglyph |
| geologic time | stratigraphy |

Learning Plan L

Ice Age Poem
 Survival in the Pleistocene
 Mammoth Coloring Page
 Ice Age Report Planner
 Graphic Designer: Comparison Chart
 Ice Age Venn Diagram
 Alphabetical Puzzle
 The Big Chill
 Draw Your Favorite Ice Age Animal
 Make a Petroglyph

Dictionary Skills
 "Write an Ice Age Story" story starter ideas
 Rubber Bones/ Brittle Bones
 Make a Fossil
 An Arizona Story
 Ice Age Math
 Mastodon Coloring Page
 Ice Age Crazy Letter Mix Up
 Decode the Ice Age Messages

Supports the Following Arizona State Standards SS

Science
 Strand 1 The Inquiry Process, Concepts 1, 2, 3, 4
 Strand 2 The History and Nature of Science, Concepts 1,2
 Strand 3 Science in Personal and Social Perspectives, Concept 1
 Strand 4 Life Science, Concepts 1, 2, 3, 4
 Strand 5 Physical Science, Concept 1

Social Studies
 Strand 1 American History, Concepts 1, 2

Reading
 Strand 1 Reading Process, Concepts 1, 2, 3, 5
 Strand 3 Comprehending Information in Texts, Concept 1, 2, 3, 4, 5, 6,7

Writing
 Strand 1 Writing Process, Concepts 1, 2, 3, 4, 5
 Strand 2 Writing Elements, Concepts 1, 2, 3, 4, 5, 6
 Strand 3 Writing Applications, Concepts 1, 4, 6