



Announcing an all-new virtual field trip from the Saint Louis Science Center!

Did you know dinosaurs lived in Antarctica? How do scientists study fossils in such an extreme environment? Work as a team to solve the challenges a paleontologist faces while excavating fossils in Antarctica throughout this phenomena-based program!

Paleo Engineers: Dinosaurs of Antarctica is a multi-contact, standards-based virtual experience that challenges students to solve a real-world problem while exploring the engineering process. Students will have the opportunity to watch the film *Dinosaurs of Antarctica*, then develop tools that help paleontologists tackle challenges that they face when excavating fossils in extreme environments.

Included in this program is a 45 minute at-home or in-class film screening, access to Padlet with project resources, and a 45-minute, virtual 'live' session with a Saint Louis Science Center educator.

Film Description: *Dinosaurs of Antarctica* will introduce audiences to the amazing and bizarre prehistoric creatures that inhabited Antarctic forests and swamps hundreds of millions of years ago. With major support provided by the National Science Foundation, the film follows a team of paleoecologists on a quest to understand the southern continent's profound transformation, from a warm and bio-diverse Mesozoic to the frozen desert we know today.

Suggested grade levels: 6th-8th

To register for this *Dinosaurs of Antarctica* program, call us at 314.286.4644.