



Whiteboard Guide for Science Seekers®

Science Seekers® is a series, developed with the American Museum of Natural History, that combines multimedia, group activities, and hands-on experiences to engage students in core science content. In each Science Seekers title, students role play a team of scientists on special assignment to solve problems about endangered species, safe water, or hidden rocks.

An introductory video sets up a problem that students need to solve. Students work away from the computer in teams, using handouts and hands-on activities to solve the problem.

For grades 5-8.

Instructional Focus

- **SCIENCE**
 - Populations and ecosystems
 - Diversity and adaptations of organisms
 - Structure of the Earth's system; Earth's history
 - Science and technology
 - Science in personal and social perspectives
 - History and nature of science

When the class does this:

Use this whiteboard feature:

Watches videos

(Mission, Briefings, Video Archive, Debriefing)



Project the video and audio; pause and rewind to control pacing

Reads handouts

(Memorandums, Science Labs, Investigation sheets and log)



Project the PDF handouts on the whiteboard to model their usage



Use whiteboard tools (spotlight, zoom, shade) to discuss and clarify handouts



Open a notebook or document to keep an electronic vocabulary list

Gets instructions from software screen



Play audio from software

Answers questions in Question Round



Call on students with software's Random Student Picker™



Discuss and assess student work



Play software's video explanations and play audio of sample answers

Does hands-on science labs



Project the PDF handouts on the whiteboard to guide the lab

Discusses findings for final answer



Call on students with software's Random Student Picker™



Open a notebook or document to record notes from class discussion