

EXPLORE OUTSIDE THE CLASSROOM. LEARN INSIDE OUR STATE.

Gold Panning Expert Country Boy Mine

Demonstrate your gold panning expertise at the Country Boy Mine.

Background:

Gold panning is a manual technique of separating the gold from the other materials. Shallow pans are filled with rocks and sand that may contain gold. Gold is denser (heavier) than rock so when the pan is placed into the water and swirled and shaken underwater the gold will settle at the bottom.

Gold panning is a fun hobby now but it was originally a way to find gold in remote areas as well as test an area to see if gold might be present nearby.

Questions to Ask:

1. Why does the gold settle to the bottom? *Gold is denser or heavier than the other rocks and material*
2. Do you need to have water to pan? *Yes*

Activity: Kids will be panning for gold and show their expertise by creating a short video demonstrating how to pan. (Tip: If you need inspiration, [watch some gold panning videos on Youtube.](#)) Think about words to use for your video such as *pan, dense or heavier, gold, sand, rock, swirl, shake, and water*. Some key points you will want to tell your viewer are listed below:

Introduction

Materials Needed

Steps

- 1.
- 2.
- 3.