

# STEM ROCKS



SCITECH  
INSTITUTE

**Did you know each rock layer of the Grand Canyon has a story to tell?**

Preserved within each layer are clues and fossils provide a snapshot of past plant and animal life; sand, mud, and other sediments in the rock tell of ancient rivers, beaches, swamps and sand dunes; sparkly crystals can tell of ancient mountain building events and volcanic eruptions.

**STEM CAREER HIGHLIGHT -**

**A geologist is a scientist who studies the solid, liquid, and gaseous matter that constitutes the Earth and other terrestrial planets, as well as the processes that shape them.**



## THIS MONTH, START YOUR OWN ROCK COLLECTION!

The indents of an egg carton make it perfect for collecting, sorting and playing with rocks! Start your collection today.



Take a photo with your rock collection and share on social media **@SciTechInstitute #STEMRocks** and **#azscitech**.

### STEM CHALLENGE

#### Rock Sorting

1. Go outside.
2. Gather rocks.
3. Sort by weight. (light, medium or heavy)
4. Make new categories! (color, size, texture)

LIGHT

MEDIUM

HEAVY

