

# **ARIZONA ROCKS!**

## **OUTREACH PRE-VISIT PAGE (GRADES 3-7) 60 minutes**

Arizona Science Center will be arriving no later than 15 minutes before the start of your program(s). **Arizona Rocks!** is intended to be a hands-on introductory geology program that covers:

- Different rock groups (sedimentary, igneous, metamorphic)
- Rock cycle
- Mineral identification techniques

### **PROGRAM NEEDS**

- Class teacher/instructor must remain in room for duration of program
- One instructor table at front of room
- Limited to 30 participants who will break into 8 groups
- If multiple programs are scheduled at your location, it is ideal that the instructor set up in one room and participants be brought in; otherwise allow 15 minutes between programs

### **SCIENCE STANDARDS**

**Grade 3:** S6C1PO2: Describe the different types of rocks and how they are formed: metamorphic, igneous, and sedimentary

S6C1PO3. Classify rocks based on the following physical properties: color, texture

**Grade 7:** S6C1PO1: Classify rocks and minerals by the following observable properties: grain, color, texture, hardness

S6C2PO1. Explain the rock cycle.

S6C2PO2. Distinguish the components and characteristics of the rock cycle for the following types of rocks: igneous, metamorphic, and sedimentary

