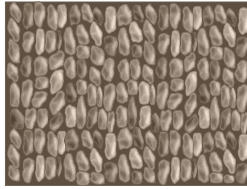


Create Your Own Sandpaper Second Grade



Location

Any outdoor location.

Activity Length

30 minutes

Objective

Make sandpaper!

Materials Needed

- 3 buckets of sand
- 4"x5" pieces of contact paper
- Sieves

Preparation

None

Activity

- Tell the students that small rocks are formed from the breakage and weathering of larger rocks over very long periods of time. Tell the students that sand is made up of very tiny rocks. There are different sizes of sand particles. They will be sifting sand and using the sand to make their own sandpaper.
- Gather 3 buckets of sand.
- Use sieves to screen fine, medium and coarse sand.
- Give each group three pieces of contact paper. Coat contact paper with sand. Students should create one contact paper sandpaper sheet for each of the three sand grades.
- Discuss sand uses and the purpose of sandpaper. You may choose to use this activity to start a conversation about how people rely on the Earth's resources in many different ways.

Standards Connections

- *Next Generation Science Standards*
2-ESS1-1, 2-PS1-1, 2-PS1-2, 2-PS1-3
- *NRC Framework*
Scientific & Engineering Practices: 2, 3, 6
Crosscutting Concepts: 5, 6
Disciplinary Core Ideas: PS1-A
- *Common Core State Standards*
ELA/Literacy: W.2.8

Activity compiled by FRJUSD teachers and Spring Rivers Foundation.

