

Rock Density, part 2

Summary

After students have completed [part 1](#) then have them compare items in the classroom to the densities of the rocks that they measured in part 1.

Main Core Tie

SEEd - Grade 7

[Strand 7.2: CHANGES TO EARTH OVER TIME Standard 7.2.4](#)

Time Frame

1 class periods of 45 minutes each

Group Size

Small Groups

Materials

- triple beam
- graduated cylinder
- water displacement can
- various items that can be measured in the classroom.
- [Rock Density 2 worksheet](#)

Student Prior Knowledge

Students need to know how to measure volume by water displacement.

Instructional Procedures

- Stack up the rocks that you measured in [part 1 of the Rock Density Lab](#) according to their densities. Hold up some items from the classroom and ask if they were added to the stack where would they fit? How about items in their pockets?
- Have the students pick out 5 items and check with the teacher.
- Predict where the items would stack up.
- Conduct the experiment.

Assessment Plan

Scoring Rubric

- :
1. Complete, best effort, used equipment correctly.....4
 2. Complete, best effort,3
 3. Partially complete and lacking effort.....2
 4. Started lab and did not complete.....1

Bibliography

Lesson Design by Jordan School District Teachers and Staff.

Authors

[Utah LessonPlans](#)