

# 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](#)