

Minerals, Rocks, and Rock Cycle Game Board

Summary

Students will use the factual information they have learned about minerals, rocks, and the rock cycle to create a game for their classmates to play.

Time Frame

3 class periods of 45 minutes each

Group Size

Small Groups

Materials

- half a poster board per group
- colored paper (butcher, construction)
- glue
- colored pencils
- markers
- scissors

Background for Teachers

Education games are a large part of the game producing industry. Educational games come in a variety of styles and formats, for example, computer games, flashcards, board games and trivia questions. Even TV and radio shows have game shows that require participants to know factual scientific information.

Instructional Procedures

- Have groups of 3 students brainstorm on ideas for a game using information on minerals, rocks, and the rock cycle.
- Provide each group with a poster board to use
- Provide each group with colored paper,
- Allow time (two days or more depending on the requirements) for idea making and creation of the game.
- Have students trade games and play each others games.

Assessment Plan

Scoring Guide

: (25 point project)

Students participate in brainstorming session.....5 points

Students participate in game making..... 10 points

Students participate in daily clean-up.....5 points

Students participate in group presentation of their game..... 10 points

Bibliography

Lesson Design by Jordan School District Teachers and Staff.

Authors

