

Lesson: Rockin' Rocks (岩石)

Reference to English
Interconnections Lesson
Rockin' Rocks pg. 71

Science Standard(s): Students will gain an understanding of Earth and Space Science through the study of earth materials, celestial movement, and weather.

Objective(s)

Indicator(s)

Content Objective(s):

kid friendly objective. Will be posted on the board.

Language Objective(s):

Kid friendly. Posted on the board. May include listening, speaking, reading, writing. See list of possible verbs.

Essential Questions:

How does the natural world change?

Academic Vocabulary:

岩石, 粗糙, 光滑, 坚硬, 柔软, 层, 大, 小

Materials:

- rocks (have students bring them)
- Rockin' Rocks Notebook

Language References and Word Wall:

Required: 岩石, 粗糙, 光滑, 坚硬, 柔软, 层, 大, 小

Additional: 质地, 硬度, 颗粒, 属性

Sentence Frames:

我的岩石是_____.

你的岩石是_____?

Lesson:

Instructional time:
30 minutes

Opening: (5 minutes)

Display all the rocks.

Question: What is this?

What color/size/texture are the rocks?

Activity: As a whole class sort the rock according to one attribute.

Introduction to New Material (Direct Instruction): (7 minutes)

Explain: Each rock has specific attributes (color, particle size, **layering**, texture and hardness).

Each rock is made up of parts – particles.

Hand one rock to each student.

Guided Practice: (5 minutes)

Teacher Does: Model how to use the sentence frame while describing rocks. "My rock is _____".

Two Students Do:

Have two students come up and perform a sample dialogue

1st student, "你的岩石颜色是什么?"

2nd Student, "我的岩石是棕色。"

2nd student, "你的岩石颜色是什么?"

1st student, "我的岩石是红色。"

All Students Practice:

All students pair up and tell each other about their rocks.

Independent Interactive Practice: (7 minutes)

Rockin' Rock notebook

Use the modeling cycle:

Teacher Does:

Teacher shows the students what they need to draw/write to complete the first page of the Rockin' Rocks book.

All Students Practice:

Students draw their rock and identify its color, size and texture. Use the modeling cycle:

Closing: (3 minutes)

Show 2-3 student examples and have those students describe their rock using the sentence frame.

- **Language suggestions:**

"我的岩石是_____"

Assessment:

Observations of student conversations.

Rockin' Rocks notebook

Extention:

Student need to complete the 2nd two pages of the Rockin' Rocks book during centers.

