

Name Student 10

Date 10/3/2011

Diagnostic Questions: Conversation about the Sun and Moon

Why does it get dark at night?

Because the earth rotates and the sun is not always facing us.

Why is it cold in the winter and hot in the summer?

The tilt and rotation of the earth brings us closer and further away from the sun. The seasons are impacted by the amount of days spent at certain distances from the sun.

Why does the moon seem to have different shapes at different times?

The moon's position effects the shape, the earth blocks part of the light (sun) allowing only part of the moon to be visible

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How would you define a "scientific explanation"?

Scientific, is a conceptualized, hypothesized, tested, and data collected, ideas.
Explanation w/ a backed up proof.

How would you define "inquiry approaches to learning and teaching"?

Problem Solving! the basics to science and math. Asking questions to solve questions. Creative learning for all learning types.