

Alternative Assessment—Unit 3.1

Earth as a Magnet

Grade 8 Science

Overview

In a short paragraph or with diagrams, students explain how the Earth is like a bar magnet.

Content Standards

GLE 0807.12.3 Compare and contrast the earth's magnetic field to that of a magnet and an electromagnet.

GLE 0807.Inq.5 Communicate scientific understanding using descriptions, explanations, and models.

Learning Outcome: Compare and contrast earth's magnetic field to that of a magnet and an electromagnet.

Materials

none

Resources

See Tennessee Holt Science and Technology, Grade 8, TE p. 430 for a complete description of this assessment.

Assessment Rubric

| Criteria | Advanced | Proficient | Below standard |
|-----------------|---|---|---|
| Science content | Provides a clear comparison using appropriate scientific terminology; demonstrates a deep understanding | Provides an explanation using some scientific terminology correctly; some details unclear | No explanation or the explanation cannot be understood; inappropriate use of scientific terminology |