

Sixth Grade

Studying Earth's Magnetic Field

Standards: Science 1.b, 4.c, 7.e, 7.g

SLE: Work Ethic, Communication, Critical Thinking

Some geoscientist measure Earth's magnetic field, which originates deep within the planet. When rocks are formed, the crystals line up with the magnetic field and give us a history of Earth's magnetism. This shows how continents move and Earth's magnetic field changes over time.

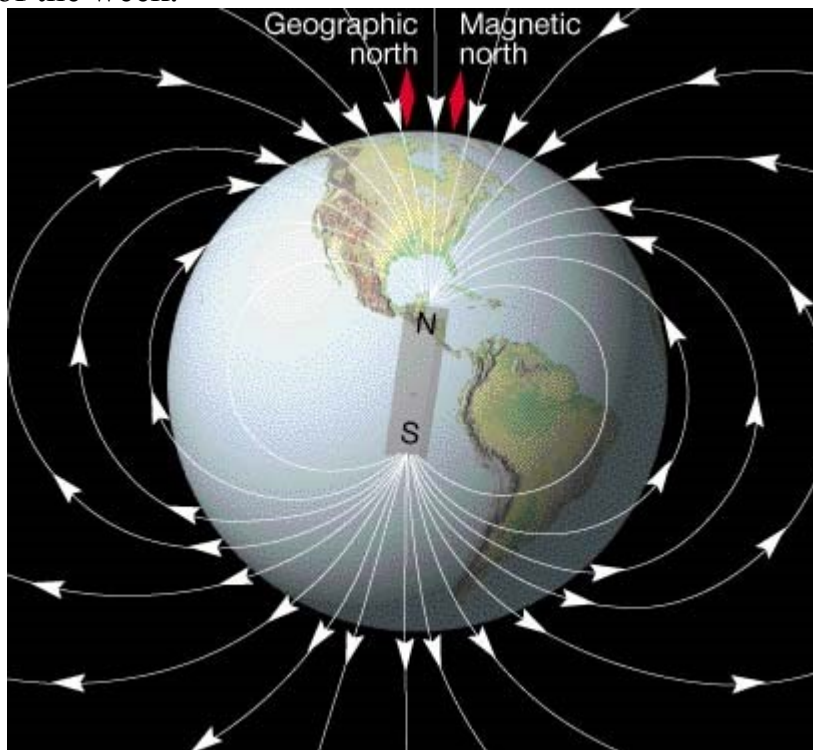
Find out what a geomagnetist does. Write a want ad for a geomagnetist listing the required education and their skills. Here are some sites that might help.

<http://iserver.saddleback.cc.ca.us/faculty/jrepka/career.html>

<http://www.personal.kent.edu/~cschweit/Stark/whygeologymajor.htm>

<http://www.sio.ucsd.edu/>

The ad should be a half page single spaced. No works sited page is necessary. Please use New Times Roman 12. A due date will be given by the end of the week.



Evaluation Rubric

Assessment and Evaluation

Geolomagnetist Ad

5: Proficient: A high degree of competence in research and writing

4: Capable : An above average degree of competence in research and writing

3: Satisfactory: A satisfactory degree of competence in research and writing

2: Emergent: A limited degree of competence in research and writing

1: Beginning: No key elements are adequately developed

Research Paper Scoring:	
Demonstrates Knowledge of subject	
Includes clear organizational structure	
Sites sources	
Uses correct grammar and spelling	
Uses descriptive language	

Work Ethic

- A Student will be given a grade in work ethic. The grade will be based on whether project was submitted on time and was neatly done.