

Earth's Spheres Rubric

Level 1:

Performance: is able to identify the four spheres of Earth and explain a basic interaction.

Criteria:

- can name all four Earth spheres
- can explain the basic interactions between the four Earth spheres

Level 2:

Performance: is able to explain the interactions between the four Earth spheres with some details.

Criteria:

- can explain the interactions between the four Earth spheres in depth
- can identify the importance of each sphere in the Earth system

Level 3:

Performance: is able to explain the impacts of human activities on the interactions between the four Earth spheres.

Criteria:

- can explain the effect of human activities on the interactions between the four Earth spheres
- can explain how human activities can affect the balance of the Earth system

Level 4:

Performance: is able to explain the impacts of human activities on the interactions between the four Earth spheres with detailed examples.

Criteria:

- can provide detailed examples of human activities that affect the interactions between the four Earth spheres
- can explain the long-term effects of human activities on the Earth system and identify logical solutions