

Earth's Spheres Rubric

1. Knowledge of Earth's Spheres (0-3 points):

0 points: is unable to name or explain any of Earth's spheres.

1 point: is able to name the four Earth's spheres, but is unable to explain their interactions.

2 points: is able to explain the interactions between two of the Earth's spheres.

3 points: is able to explain the interactions between all four of Earth's spheres.

2. Understanding of Earth's Spheres (0-3 points):

0 points: is unable to demonstrate any understanding of how Earth's spheres interact with each other.

1 point: is able to give basic facts about the Earth's spheres, but is unable to explain how they interact with each other.

2 points: is able to explain the basic roles each sphere plays in the Earth's ecosystems.

3 points: is able to explain in detail how the Earth's spheres interact with each other and how they are a part of a larger system.

3. Application of Earth's Spheres (0-2 points):

0 points: is unable to apply any understanding of Earth's spheres to any real-world situations.

1 point: is able to make basic connections between Earth's spheres and real-world situations.

2 points: is able to apply understanding of Earth's spheres to real-world situations in a meaningful way.

3 points: is able to apply and elaborate with detail an understanding of Earth's spheres to real-world situations in a meaningful way and

4. Synthesis of Earth's Spheres (0-2 points):

0 points: is unable to use knowledge of Earth's spheres to make higher-level connections or draw conclusions.

1 point: is able to draw basic conclusions and make connections between Earth's spheres and other topics.

2 points: is able to make complex connections between Earth's spheres and other topics and draw conclusions.

3 points: is able to make complex connections between Earth's spheres and other topics and draw meaningful, detailed conclusions.