

Task 6 and 7: Scientific Skill Development

Task 6: Reading a Scientific Article

Standards

Identify the scientific claim made in an article.

Identify scientific evidence in an article.

Evaluate evidence in a scientific article.

During the course of AP Environmental Science, you will receive articles related to the topics we are studying. For each article, you will need to complete a 1-2 page review of the article answering the following questions:

1. What is the major claim being made by the article?
2. What evidence does the author present to support the claim?
3. Is the evidence based on observations and is the source of the evidence reputable and unbiased?
4. Is the argument for the claim based on logical evidence?
5. Would you accept or reject the claim?
6. What further information would you like in order to fully accept or reject the claim?

Rubric

	Weight	Poor 1 -2 pts	Good 3 – 4 pts	Excellent 5 – 6 pts
Identification of claim		Claim is incorrectly identified	Claim is correctly identified	
Support of claim		Support for claim is incorrectly identified	Support for claim is correctly identified but some support is missed	Support for claim is identified fully and correctly
Identification of claim as reputable and unbiased	X2	Claim is incorrectly identified or little support is given for your identification	Claim is correctly identified but support is lacking	Claim is identified with full support
Logical evidence		Not addressed in essay	Addressed but explanation is not full and complete	Addressed with complete and full explanation
Acceptation or rejection of claim		Not addressed in essay	Addressed but explanation is not full and complete	Addressed with complete and full explanation
Further information		Not addressed	Addressed but explanation is not full and complete	Addressed with complete and full explanation