

# Claims, Evidence, and Reasoning Rubric

**CATEGORY** 

## **MEETING**

# **APPROACHING**

## **BEGINNING**

# **NOT MEETING**

#### Claim

Answer the question,
"How will your
athlete's body
systems work
together to create
this attribute?"

Makes an accurate and complete claim.

Makes an accurate but incomplete claim.

Makes an inaccurate claim.

Does not make a claim.

#### **Evidence**

Support your claim with evidence from your research and past knowledge.

Provides appropriate and sufficient evidence to support the claim.

Provides appropriate but insufficient evidence.

May include some inappropriate evidence.

Evidence is inappropriate, or it does not support the claim.

Does not provide evidence.

## Reasoning

Explain how or why your evidence supports your claim.

Provides accurate and complete reasoning that links evidence to the claim. Includes appropriate and sufficient scientific principles.

Provides reasoning that links claims to evidence. Repeats evidence and/or includes some scientific principles, but not sufficient.

Reasoning is not appropriate or does not link the claim to the evidence.

Does not include reasoning.

Adapted from: McNeill, K.L. & Krajcik, J. (2008). Assessing middle school students' content knowledge and reasoning through written explanations. In Assessing science learning: Perspectives from research and practice, eds. J. Coffey, R. Douglas, and C. Stearns, 101–116. Arlington, VA: NSTA Press