**Claim-Evidence-Reasoning Organizer**

**DIRECTIONS**: Use the check-off list to the left of each component to verify that you have everything required to create a complete a CLAIM with EVIDENCE and appropriate REASONING. CHECK off each item that you included – failure to do so will result in loss of points.

**PROMPT:** Use the evidence you have gathered from the simulation to argue the claim that gravitational force is attractive and depends on the masses of the interacting objects.

**YOU SHOULD USE THE FOLLOWING VOLCABULARY:** Gravity, Mass, Distance, Rotation, Orbit, Attraction/Attractive



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| **CLAIM:** *A statement that answers the original question.*Must do **ALL** …* complete sentence (capital letter, end-mark, etc.)
* restates question
* answers question (without reasons or data yet)
* includes important vocabulary
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| **EVIDENCE:** *The data that supports the claim.** Minimum of three pieces of evidence (gathered from the simulation).
* Must directly support the claim.
* Must cover both mass and distance.
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| **REASONING:**  *A statement or conclusion that answers the original question/problem.*Should do **ALL**:* restate the claim as a fact.
* define ALL important vocabulary or concepts
* Address all three (3) pieces of evidence and explain the importance of EACH piece of evidence
* uses words such as: *since, because, reason, cause, effect, due to, my research shows, the data shows, this means, for example, etc.*
* complete sentences (capital letters, end marks, etc.)
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