Name: _____ Period: _____ Date: _____ ° O O

CLAIMS, EVIDENCE AND REASONING
(GRAPHIC ORGANIZER AND PLANNER)

CER

What is the **question or problem** you are trying to answer?

R (RESTATE QUESTION) **A** (ANSWER QUESTION)	**C- CLAIM** • A claim is a **conclusion** that tells **what you have learned** from an investigation or research. ✓ **Restate** and **answer** the question. ✓ A claim can also be a **pattern** or **trend** you notice when you **analyze data**. (It could describe the relationship between independent and dependent variables.) ✓ A claim can also be an **inference** based on **observations**.	
C (CITE EVIDENCE)	**E- EVIDENCE** • The evidence is **ALL** of the scientific **data** and **observations** that **prove** and **support** the claim. ✓ Data can be **qualitative observations** or **quantitative measurements** from an **investigation**. ✓ Data also comes from **research**. This can include what you learned from the text, and even information from videos. ✓ Give specific examples.	
E (EXPLAIN EVIDENCE)	**R – REASONING** • Reasoning provides a **connection** between the evidence and the claim by using **scientific ideas** and **using scientific terms and vocabulary**. ✓ Don't assume your reader already knows this information. Give descriptions and definitions. ✓ Tie the claim and evidence together in a logical way. ✓ Explain **why** the evidence supports the claim. ✓ **Explain** every piece of evidence and describe how it supports the answer.	
E (EDIT)	**DON'T FORGET TO PROOFREAD YOUR WORK. (:**	

CER and RACE - Constructed Response Rubric

CER	RACE	4	3	2	1
C– Claim	**R – Restate**	☐ Question is restated using words from the question. ☐ Complete sentences are used.	☐ Question is restated. ☐ Complete sentences are not used.	☐ Question is not restated. ☐ Complete sentences are used.	☐ Question is not restated. ☐ Complete sentences are not used.
	A – Answer	☐ Question is answered correctly. ☐ All parts of the question are answered in depth. ☐ The answer is related to the investigation or research.	☐ Question is answered correctly. ☐ Parts of the answer are missing. ☐ The answer is related to the investigation or research.	☐ Most of the question is answered correctly. ☐ Parts of the answer are missing or incorrect. ☐ The answer is related to the investigation or research.	☐ Question is answered in incorrectly. ☐ The answer is not related to the investigation or research.
E – Evidence	**C – Cite Evidence**	☐ All of the data, observations and facts needed to prove the claim are included. ☐ Specific examples are cited. ☐ All of the evidence is correct.	☐ Data, observations and facts are used to prove the claim, but some evidence is missing ☐ Specific examples are cited. ☐ Some of the evidence might be incorrect.	☐ Data, observations, and facts are used to prove the claim, but most evidence is missing. ☐ Some examples are sited, but might not be specific. ☐ Most of the evidence is incorrect.	☐ Data, observations, and facts are attempted to prove the claim, but does not prove the claim to be true. ☐ All of the evidence is incorrect or does not relate to the question.
R - Reasoning (X2)	**E – Explain Evidence**	☐ Explanation of WHY the evidence proves the claim is complete and makes sense. ☐ All of the ideas necessary to explain the evidence are included. ☐ Scientific vocabulary and ideas are used and described, defined, or explained. ☐ Someone who has never learned this information will understand.	☐ Explanation of WHY the evidence proves the claim is mostly complete and makes sense. ☐ Most of the ideas necessary to explain the evidence are included. ☐ Scientific vocabulary and ideas are used and described, defined, or explained. ☐ Someone who has never learned this information will probably understand.	☐ Explanation of WHY the evidence proves the claim is incomplete and might not make sense. ☐ Some of the ideas necessary to explain the evidence are included. ☐ Scientific vocabulary and ideas are used but may be incorrectly defined or described. ☐ Someone who has never learned this information might not understand.	☐ An explanation is attempted but doesn't make sense. ☐ Scientific vocabulary and ideas are not used. ☐ Someone who has never learned this information might not understand or will be confused.

Language Conventions: • spelling • capitalization • punctuation • grammar or word usage • paragraphing • full sentences (no run-on or sentence fragments) • can read handwriting/font • conclusion "flows" and makes sense	**There are few or no errors.** None of the errors impact the flow of communication.	**Errors are occasional.** They do not impede the flow of communication.	**Errors are frequent.** They may cause the reader to stop and reread part of the writing. Flow of communication is impaired.	**Errors are serious and numerous.** They cause the reader stop often to figure out writer's meaning.

Standards:
SEPS 6, 7, and 8
With parts* from SEPS 1, 2, 4, and 5   ***depends on data used**

TOTAL: _____/20