

# Skinner Middle School

## Science Summer Homework Plan – For All 7<sup>th</sup> Grade Scholars



### Directions:

#### STEP 1- READ

Each month (June, July and August) read a science related article from a newspaper, magazine or one of the following websites. This means you will need to read and complete the write up (explained below) three times for the entire summer.

#### Ideas for finding great science articles:

Popular Science, NOVA, New York Times, Time for Kids, National Geographic, Earth and Sky Kids or Earth and Sky, NPR, Nature, Sciencenews.org, Sciencedaily.com

#### STEP 2- WRITE 2-3 paragraphs answering the following

- Summarize the article making sure to include the main points and scientific vocabulary
- Personal Response to the following questions:
  - Can this apply to your daily life? Use Claim, Evidence and Reasoning/CER
  - Explain whether you agree or disagree with the scientists' claim.
  - What background knowledge did you use to help you understand and/or infer the meaning of the article?
    - Use the attached rubric to guide/edit your work.
    - Skinner Scholar work must be typed with the article attached.
    - Due date- the 15<sup>th</sup> day of each month
      - June 15<sup>th</sup>
      - July 15<sup>th</sup>
      - August 15<sup>th</sup>
- In 7<sup>th</sup> grade I will:
  - participate daily in 7<sup>th</sup> grade Life Science activities.
  - follow all safety guidelines during laboratory work.
  - use academic science vocabulary when participating in scientific thinking, writing and speaking.
  - use critical thinking skills to plan, conduct and present an individual science fair project.

All work needs to be submitted through Google Classroom. All scholars who are returning 6<sup>th</sup> graders will understand our expectations. If you are a newly registered scholar and unsure of these expectations please contact Ms. Winter or Mr. Graeve. You may also complete this work on paper and submit to your science teacher on the first day of school.

## Join 7th Grade Summer HW Class

Use Code: **jdr4re**

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# Skinner Middle School 7<sup>th</sup> Grade Science Summer HW Rubric

	1	2	3	4
<b>Claim</b>	Students make an inaccurate claim or make a claim that does not address the text	Students create an <b>accurate but incomplete claim</b> that partially addresses the text.	Students create an accurate <b>and complete</b> claim based on the text.	Students create an accurate and complete claim that <b>synthesizes multiple sources</b> of information or cites outside sources.
<b>Evidence</b>	Students do not provide evidence to support claim.	Students do provide evidence, but it is lacking in its support of the claim. One or two pieces of evidence.	Students <b>use multiple and appropriate sources of evidence</b> to support their claim. Three or more.	Students demonstrate a strong command of use of evidence and are <b>able to organize their evidence strategically, emphasizing the most impactful piece of evidence.</b>
<b>Reasoning</b>	Students are not yet able to provide reasoning or provide reasoning that is not yet appropriate to the claim.	Student attempts to provide reasoning, but it does not connect the claim to the evidence included.	Students <b>provide sufficient and appropriate reasoning that connects the evidence to the claim.</b> Students <b>explain why the evidence supports the claim.</b>	Students demonstrate strong command and are <b>able to critique the strength of their own reasoning or others' reasoning.</b>
<b>Counter-Claim</b>	Students are not yet able to recognize that an alternative explanation.	Students <b>recognize alternative evidence-based</b> explanations.	Students recognize alternative <b>evidence-based</b> explanations and provide <b>appropriate and sufficient</b> counter evidence.	Students recognize <b>and critique</b> alternative evidence-based explanations, <b>noticing and naming alternative explanations' strengths</b> and provide appropriate and sufficient counter evidence.
<b>Academic Language</b>	Students writing piece is difficult to understand due to poor use of grammar. Student does not include scientific language from the text.	Students writing piece is generally easy to understand, but contains some errors. Student uses some scientific language from the text, but may not use it correctly.	Students writing piece is easy to understand, and contains few errors. Student uses scientific language from the text correctly.	Students writing piece is easy to understand, and contains few errors. Student uses scientific language from the text correctly with <b>precision and nuance.</b>