

Name: _____ Period: _____ Date: _____

Inside Earth (7.2.1) – Analysis and Conclusion

- ➔ Use your text, notes, data tables, prediction and scaled drawing to show what you know. Including drawings/diagrams to clarify your explanations may be helpful.
- ➔ Answer this on a separate sheet of paper or TYPE your answers in Notability. Please email your responses to rebecca.zacher@rensselaerschools.org.
- ➔ This sheet needs to be turned in with your responses.

PARAGRAPH 1: Analysis

Describe Earth's interior.

- This will be graded using the "Understanding Concepts Score Guide" below.
- Explain/describe the layers of the Earth AND the order they go in (**from the surface or from the center** – be specific!!!)
- Include the following information for each layer
 - the temperature
 - state of matter (solid, liquid, etc.)
 - composition

PARAGRAPH 2: Conclusion

How has your understanding of Earth's layers changed? Compare what you learned about the layers of Earth to your prediction (Talking Drawing 1).

- This will be graded on whether or not you include the following:
- Describe your prediction. (2 pt.)
- Explain why parts of your predictions are correct. (2 pt.)
- Explain why parts of your prediction are incorrect. (2 pt.)

	Score/Points	Understanding Concepts Score Guide
Level 4 <i>Above and beyond</i>	11 points	Student accomplishes Level 3 AND goes beyond in a significant way, such as: <ul style="list-style-type: none"> • Using information not provided in class to elaborate on your response. • Using a diagram to clarify scientific concepts – including a picture with labels so that the person reading your answer understands it better – must be created by the student, not a premade diagram. • Making a connection to some other scientific topic. Show the relationship/what is common between the two topics.
Level 3 <i>Complete and correct</i>	10 points	Student accurately and completely explains or uses scientific concepts by: <ul style="list-style-type: none"> • Including ALL the details need to answer the question or prompt. • Answering all parts of the question or prompt
Level 2 <i>Almost there</i>	8 points	Student explains or used scientific concepts BUT has some omissions or errors. <ul style="list-style-type: none"> • The student has the right idea and includes correct information, but may have made some mistakes or left out some information.
Level 1 <i>On your way</i>	7 points	Student incorrectly explains or uses scientific concepts. The student did not explain the concept correctly at all, or used the concept in the wrong way.
Level 0 <i>Not ready yet</i>	0 points	Student's analysis or interpretation of data is <ul style="list-style-type: none"> • missing • hard to read because the handwriting is messy • the answer has nothing to do with the question/prompt or topic

***NOTE:** Depending on the question or prompt and/or the student's response or answer, a **student may earn a score between levels.**

