

Name: _____ Period: _____

Socratic Seminar Preparation & Brainstorming

TOPIC: Dissolved Oxygen and Water Temperature

Step 1: List what could possibly affect dissolved oxygen or water temp. in freshwater?

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IV: Independent Variable; DV: Dependent Variable.

Step 2: Explore some of the factors you picked in Step 1 and put them in the blanks below. Then write what you think might happen and how you would know it happened.

Question #1: How does _____(IV) affect _____ (DV)?
What might happen? How would you know?
Source:

Question #2: How does _____(IV) affect _____ (DV)?
What might happen? How would you know?
Source:

Question #3: How does _____(IV) affect _____ (DV)?

What might happen? How would you know?

Source:

Question #4: How does _____(IV) affect _____ (DV)?

What might happen? How would you know?

Source:

3 Higher Level Dissolved Oxygen Hypotheses for the Socratic Seminar. Use "if, then, because." *If we manipulate the independent variable, then the dependent variable will change (by how much) because (say why).*

1.

2.

3.

Name: _____ Period: _____

Socratic Seminar Student Handout

TOPIC: _____

Socratic Seminar Expectations:

This is a discussion, not a debate.

Be courteous of others' ideas. Disagree with their idea, not the person.

The goal is pursuit of a deeper understanding of the topic.

Refer to the text.

Ask for clarification if you are confused.

Don't raise your hand. Speak up so all can hear you.

Thoughts & Ideas:

If it is not your turn to be the speaker, or you think of something off-topic, write it down in the area below.

Socratic Seminar Reflection

1. What is one thing you liked that you said?

2. What was the most interesting question asked during the Socratic Seminar??

3. What is something you did well during the Socratic Seminar?

4. Based on the feedback you received from your wingpeople, what will you work on next time you do a Socratic Seminar?

5. What new ideas do you have on this topic after participating in the Socratic Seminar?

6. Use the rubric below to give yourself a participation grade on the Socratic Seminar.

4	3	2	1
<ul style="list-style-type: none">- Participate more than once, using <u>if, then, because hypotheses.</u>- Encourage others to participate by asking questions	<ul style="list-style-type: none">- Participate at least once using <u>How does IV affect DV questions.</u>	<ul style="list-style-type: none">- Participate in the discussion, but does not reference specific hypotheses or questions.	<ul style="list-style-type: none">- No participation.- Or, participation is off topic or does not add to the discussion (ex. "I agree." or "Yeah.")

I give myself a grade of _____ because...

Body Language Observation

My name:	Speaker's name:
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Directions: Each time your partner does one of the following, put a check in the box.

Speaks in the discussion

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Looks at the person who is speaking

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Refers to the text or other class source

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Asks a question

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Responds to another speaker

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Interrupts another speaker

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Engages in side conversation

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Uses academic language

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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After discussion: What is the most interesting thing your partner said?

After discussion: What would you like to have added to this discussion?

One thing my speaker did well was	One thing my speaker can work on next time is:
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Content Observation

My name:	Speaker's name:
<u>Directions:</u> Take notes on what your speaker said, and what the other speakers say during the discussion. You do not need to write in complete sentences.	
My speaker says:	The other speakers say:
<u>After discussion:</u> What is the most interesting thing your partner said?	
<u>After discussion:</u> What would you like to have added to this discussion?	
One thing my speaker did well was	One thing my speaker can work on next time is