TEACHING CRITICAL THINKING SKILLS WORKSHOP

Facilitator: Dr. Andre’ L. Boyer

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Teaching Critical Thinking Skills Workshop

- Warm-up
  - Think, Pair, and Share
  - KWL
- Lecture
  - Socratic Method
- Group Discussion
  - Presentation
- Wrap up and Conclusion
Warm-up

Activity

Think, Pair, and Share

K.W.L. Chart

Topic: Teaching Critical Thinking Skills

<table>
<thead>
<tr>
<th>K</th>
<th>W</th>
<th>L</th>
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<tr>
<td>What I Already Know</td>
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Warm-up

Activity

Think, Pair, and Share

![K.W.L. Chart]

**K.W.L. Chart**

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Mini-Lecture

- History of Socratic Questions
  - What is it?
  - Why is it useful?
  - How many questions are there?
  - 5
Mini-Lecture

- The Socratic Method
  - Six types of Socratic Questions
    - 1. Questions of clarification
    - 2. Questions that probe assumptions
    - 3. Questions that probe reasons and evidence
    - 4. Questions that probe perspectives
    - 5. Questions that probe consequences
    - 6. Questioning the question
Types of Socratic Questions

1. Questions of Clarification
   - Explore original statements or answers
     - Examples
       - What examples can you provide?
       - What do you mean by....?
Types of Socratic Questions

2. Questions that probe assumptions

- Explore beliefs

  - Examples
    - How did you arrive at those assumptions?
    - What if we looked at it this way?
Types of Socratic Questions

3. Questions that probe reasons and evidence

- Delve deeper
- Examples
  - How do you know this?
  - What is the cause?
  - Can the evidence be refuted? How?
Types of Socratic Questions

4. Questions that probe perspectives

Query own viewpoints

Examples

- What is another way of looking at this?
- What are the strengths and weaknesses of your perspective?
Mini-Lecture

- Types of Socratic Questions
  - 5. Questions that probe consequences
    - Identify consequences
    - Examples
      - If we follow your argument, what are the consequences?
      - Are the consequences desirable?
Types of Socratic Questions

6. Questions that question the question

- Intent of asking
- Examples
  - Why did you ask the question?
  - What point are you attempting to make?
Tips for using Socratic Questions

1. Make sure the questions are specific and stated openly.
2. Use open-ended question that require more than a simple yes or no answer.
3. Follow up on students’ answers with additional probing questions.
4. Summarize the conversation occasionally.
5. Ask question to specific students if they are not active in the conversation.
6. Keep the line of questioning focused and related to the lesson.
Mini-Lecture

- History of Socratic Questions
  - What is it?
  - Why is it useful?
  - How many questions are there?
  - 14
The Socratic Method

What is it?
- A series of questions to lead one to the answers.

Why is it useful?
- Model scientific inquiry
- Emphasis on student-centered learning
- Develop problem-solving skills
- Students construct own knowledge

How many questions are there?
- 6
GROUP DISCUSSION AND DEMONSTRATION

- How could you use the Socratic Method in your classroom?
- Groups of 3
  - Think about a lesson or plan
  - Incorporate the use of Socratic Questions
  - Present a demonstration of the lesson

The Socratic Method

Six types of Socratic Questions

1. Questions of clarification
2. Questions that probe assumptions
3. Questions that probe reasons and evidence
4. Questions that probe perspectives
5. Questions that probe consequences
6. Questioning the question

PRESENTATION
Wrap-up and Conclusion

Activity

- Think, Pair, and Share

![K.W.L. Chart](#)

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REFERENCES


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Exit Slip

☐ How could you adopt the presentation to your class?

☐ What did you like about the presentation?

☐ What could have been done differently?

☐ What other comments do you have about the presentation?
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