|  |  |  |
| --- | --- | --- |
| Analyze & Interpret:  Learning Outcome 1  Students will analyze and interpret the ohm’s law for a basic series electrical circuit (DC circuit) | | |
| **When students analyze and interpret, they…** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Articulate | Compare | Differentiate | Gather | March | Resolve | | Assemble | Contrast | Discover | Identify | Organize | Select | | Break down | Decipher | Discuss | Inspect | Outline | Separate | | Calculate | Define | Dissect | Investigate | Paraphrase | Signify | | Categorize | Detail | Distinguish | Label | Relate | Summarize | | Choose | Determine | Examine | Map | Rephrase | Understand | | Clarify |  | Find |  |  |  | | |
| **To help students analyze & interpret, the tutor/Instructor asks…** | \* What do you already know about the definition and application of ohm’s law?  \* What have you learned about ohm’s law and DC series circuits?  \* What do you want to know about ohm’s law application?  \* What can you say about calculate voltage for a register, given the current?  \* What do you think about the importance of this law?  \* How would you explain ohm’s law in terms of V,I &R?  \* What would you use to support ohm’s law explanation for a DC series circuit?  \* What is relevant to the calculation of V in terms of I,R?  \* What information is most important to calculate voltage across a register?  \* How would I best organize the information on the steps to calculate voltage?  \* How would I categorize of classify the different parts of the circuit? | \* What is the purpose or motive of studying how to apply ohm’s law?  \* What are my assumptions about circuit operation?  Additional Questions:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |