Safety in Science

Four Square Concept Matrix

Objective

Develop understanding of concepts by studying them in a relational manner. Analyze and refine the concept by summarizing the main idea, creating visual aids, and generating questions and comments using a Four Square Concept Matrix.

Instruction

Individually, in pairs, or in groups complete the four-box matrix. Draw a picture and summarize the main idea, create a possible test question, and write either a formula or describe a real-life application.

Activity

Use the four-box matrix to summarize the concept. Follow each box heading to demonstrate your understanding of the content. For the picture/process box, draw your image or describe a process in your own words.

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| SummaryWrite two to three sentences that describe the main idea of the concept. | **Picture or Process**Draw a picture or describe a process that represents the main idea of this concept. |
| Test question or formulaWrite a test question and answer, or write a scientific or mathematical formula. | Question or applicationAsk a question or describe how this applies to real life. |