



Apply Critical Path Analysis in Solving Problems

Achieved	Merit	Excellence
Use critical path analysis in solving problems.	Use critical path analysis, with <u>relational thinking</u> , in solving problems.	Use critical path analysis, with <u>extended abstract thinking</u> , in solving problems.
<p><u>Relational Thinking</u> - Involves selecting and carrying out a logical sequence of steps, connecting different concepts or representations, demonstrating understanding of concepts, and relating findings to a context.</p>		
<p><u>Extended Abstract Thinking</u> - Involves devising a strategy, identifying relevant concepts, developing logical reasoning, forming generalizations, and communicating mathematical insight.</p>		

Critical Path Analysis Methods

The methods included in this standard are related to:

- Precedence tables
- Network diagrams
- Critical events
- Scheduling
- Float times

Problems

Situations set in real-life or statistical contexts that provide opportunities to apply knowledge or understanding of critical path concepts and methods.

Key Vocabulary

Students are expected to understand and use terms related to critical path analysis methods, such as:

- Precedence
- Scheduling
- Critical event
- Network diagram
- Float time
- Critical Path