# LESSON DESIGN: High School Mathematics

<table>
<thead>
<tr>
<th>Course</th>
<th>Teacher(s):</th>
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</thead>
<tbody>
<tr>
<td>Chapter and Lesson #</td>
<td>Lesson Name:</td>
</tr>
<tr>
<td>Lesson Concept(s):</td>
<td>Date(s):</td>
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## Materials:
- Teacher Materials, Transparencies
- Handouts:
- Technology:
- Manipulatives/Supplies:

## Assessments:
- Project/Performance Task:
- Quizzes and Tests:
- Individual or Group Presentation:
- Notebook/Portfolio Entries:
- Vocabulary Toolkit:
- Journal/Closing the Lesson:

## Mathematics Standards:

## Instructional Strategies:

### Launch:
- Questioning
- Inquiry
- Accessing Prior Knowledge
- Brainstorming
- Setting Objectives/Goals
- Recording Information
- Demonstration
- Reinforcing Effort
- Graphic Organizers

### Explore:
- Questioning
- Presentations/Sharing
- Guided Practice
- Reinforcing Effort
- Cooperative Learning
- Problem Solving
- Problem-based Learning
- Instructional Technology
- Compare and Contrast
- Simulations/Modeling
- Graphic Organizers

### Summarize:
- Questioning
- Written or Oral Summaries
- Providing Feedback
- Cooperative Learning
- Compare and Contrast
- Discussion
- Reinforcing Effort
- Analysis
- Graphic Organizers

### Apply:
- Questioning
- Presentations and Exhibitions
- Research
- Project Design
- Problem Solving
- Connections
<table>
<thead>
<tr>
<th>The Plan:</th>
<th>Notes/Reflections/Vocabulary:</th>
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</thead>
<tbody>
<tr>
<td>LAUNCH (Introducing)</td>
<td>minutes</td>
</tr>
<tr>
<td>EXPLORE <em>(Investigation(s)) (Making, Investigating, Finding . . .)</em></td>
<td>min</td>
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<tr>
<td>SUMMARIZE <em>(Closing the Lesson) (Discussing, Writing . . .)</em></td>
<td>min</td>
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<tr>
<td>• What was the main concept/skill we learned?</td>
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<tr>
<td>• Can someone restate that?</td>
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<tr>
<td>• Who can give an example or two?</td>
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<tr>
<td>(See tips in <em>Closing the Lesson</em>)</td>
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<tr>
<td>APPLY (Solving in a New Context))</td>
<td></td>
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<tr>
<td>Homework</td>
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