

# Standards for mathematical practice lesson planning tool

This tool supports educators to plan for and elicit evidence of student progress towards learning goals of a lesson. Using a blend of the college- and career-ready shifts and NCTM's 8 effective mathematics teaching practices as a framework, educators adapt lessons that connect the academic standards and standards for mathematical practice (SMP) to foster ambitious instruction.

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**Educator:**

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**Date:**

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**Unit:**

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**Lesson:**

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<b>Purpose:</b>	<b>New learning</b>	<b>Formative</b>	<b>Reteaching</b>	<b>Summative</b>
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## Identify the academic standards

### FOCUS

Domain

Cluster

Standards

### COHERENCE

Prior knowledge

Procedural fluencies

Readiness indicators

### RIGOR

Conceptual

Procedural

Application

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## Craft an essential question

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## Connect the math practice standards

**Identify strand(s):**                      **Explaining**      **Framing**      **Illustrating**      **Sense-making**

### Identify standard(s)

MP1: Make sense of problems and persevere in solving them.

MP2: Reason abstractly and quantitatively.

MP3: Construct viable arguments and critique the reasoning of others.

MP4: Model with mathematics.

MP5: Use appropriate tools strategically.

MP6: Attend to precision.

MP7: Look for and make use of structure.

MP8: Look for and express regularity in repeated reasoning.

### Task(s)

### Target skills(s)

### Evidence of learning

Illustrate the connection between the standards for mathematical practice by describing how students' habits of mind or ways of thinking will be evidenced by their learning.

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## Prepare for instruction

**Structure:**    **Whole group**

**Small group**

**Partner work**

**Independent**

**Instructional moves**

**Lesson look-fors**

**Aligned scaffolds**

**Formative prompts**



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