

# Math Unit Study Tool

## Step 1: Start with the End in Mind

Review the progression of the unit information. What should students know and be able to do at the end of this unit?

| Unit Title and Focus |                                                                |                                                                                                                                                                                                            |
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| Student Learning     | What new standards will students be learning during this unit? | Which prerequisite standards do students need to have mastered before this unit? <ul style="list-style-type: none"><li>Which foundational skills should students have mastered before this unit?</li></ul> |
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## Step 2: Do the Math

Review the end-of-unit assessment and complete the math calculations as needed. Revisit to add information to **Step 1** as needed.

## Step 3: Trace Knowledge and Skills Through Topics

Scan each of the topics within the unit, beginning with the first. As you are scanning, consider the following:

- Where do you see the grade level standards and foundational skills identified in **Step 1**?
- How do these standards and skills develop across the unit?
- What misconceptions should you prepare to address?
- Where might students need additional support?

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| Topic 1:                                                                                                                                                                              |                                                                                           |
| What knowledge and skills are students learning/building in these lessons?<br>How do these new skills build upon the knowledge students already have from previous lessons or grades? | What misconceptions might students have?<br>Where might students need additional support? |
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| Reflect on Curriculum-Embedded Assessment                                                                                                                                             |                                                                                           |
| How does the learning in this topic/sub-unit support student success with the end-of-unit assessment?                                                                                 |                                                                                           |

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| Topic 2:                                                                                                                                                                              |                                                                                           |
| What knowledge and skills are students learning/building in these lessons?<br>How do these new skills build upon the knowledge students already have from previous lessons or grades? | What misconceptions might students have?<br>Where might students need additional support? |
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| Reflect on Curriculum-Embedded Assessment                                                                                                                                             |                                                                                           |
| How does the learning in this topic/sub-unit support student success with the end-of-unit assessment?                                                                                 |                                                                                           |

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| Topic 3:                                                                                                                                                                              |                                                                                           |
| What knowledge and skills are students learning/building in these lessons?<br>How do these new skills build upon the knowledge students already have from previous lessons or grades? | What misconceptions might students have?<br>Where might students need additional support? |
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| Reflect on Curriculum-Embedded Assessment                                                                                                                                             |                                                                                           |
| How does the learning in this topic/sub-unit support student success with the end-of-unit assessment?                                                                                 |                                                                                           |

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| Topic 4:                                                                                                                                                                              |                                                                                           |
| What knowledge and skills are students learning/building in these lessons?<br>How do these new skills build upon the knowledge students already have from previous lessons or grades? | What misconceptions might students have?<br>Where might students need additional support? |
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| Reflect on Curriculum-Embedded Assessment                                                                                                                                             |                                                                                           |
| How does the learning in this topic/sub-unit support student success with the end-of-unit assessment?                                                                                 |                                                                                           |

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| Topic 5:                                                                                                                                                                              |                                                                                           |
| What knowledge and skills are students learning/building in these lessons?<br>How do these new skills build upon the knowledge students already have from previous lessons or grades? | What misconceptions might students have?<br>Where might students need additional support? |
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| Reflect on Curriculum-Embedded Assessment                                                                                                                                             |                                                                                           |
| How does the learning in this topic/sub-unit support student success with the end-of-unit assessment?                                                                                 |                                                                                           |

