**Content Learning Goal:**
Students will be able to simplify expressions by combining like terms.

**Language Objectives:**
- Students will be able to define mathematical vocabulary terms verbally and in writing.
- Students will practice reading aloud definitions of relevant mathematical terms.
- Students will use verbs and verb phrases to write an explanation of how they simplified the assigned mathematical expressions.
- Students will justify their answers to the inquiry activity verbally and in writing.

**Content Standard(s):**
- Prep for 8.EE.7
- SMP: 1, 3, 5, 6

**ELD Standard(s):**
- ELD.PI.8.1.Ex
- ELD.PI.8.10.Ex
- ELD.PI.8.12.Ex
- ELD.PI.8.3.Ex
- ELD.PI.8.6.Ex

**Academic Vocabulary Words:**
Expression, Terms, Like Terms, Coefficient, Variable, Exponent, Constant

**Materials Needed:**
Various color highlighters
Colored Pencils
Whiteboards and whiteboard markers
Handouts: Vocabulary graphic organizer, notetaking guide, “What I Learned”

**Assessment:**
Simplify the expression by combining like terms (Homework Assignment: “What I Learned” -- found in notetaking guide)

<table>
<thead>
<tr>
<th>Warm-up/Bellwork</th>
<th>5 minutes</th>
<th>Vocabulary Review -- definition fill in the blanks and choral response/read aloud Students will use their Prayer Models from the previous lesson to complete the fill in the blank definitions on their notetaking guide. (Reading, writing, listening and speaking)</th>
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<tbody>
<tr>
<td>Academic Vocabulary Activity</td>
<td>10 minutes</td>
<td>Vocabulary Graphic Organizer (Color-coded vocabulary discussion) Students will use their knowledge to complete the vocabulary activity, found in their notetaking guide, which requires them to label various parts of an expression. Students will work together in pairs for 5 minutes to label all of the parts of the expression. Review as a whole group and color-code each label by highlighting. (Reading, writing, listening and speaking)</td>
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<tr>
<td>Inquiry Activity</td>
<td>10 minutes</td>
<td>How would you group? Why? Students will be given an envelope of terms that include numbers and shapes. Working in groups of 3-4, students will discuss how they would group the terms and manipulate the individual terms into the circles on the table mat. Students will then complete the inquiry activity portion of their notetaking guide individually. (Writing, listening and speaking)</td>
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<tr>
<td>Facilitated Instruction</td>
<td>10 minutes</td>
<td>Whole Group: Students will follow along and take notes in their notetaking guide. Questions will be posed to class to check for understanding and students will be selected at random. Students will be given think time and given an opportunity to pair-share before sharing with whole class. (Reading, writing, listening and speaking)</td>
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