**Arts with Numeracy:**

**Lesson/Unit Template**

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| **Name of Lesson/Unit:** Composing with Boomwhackers | **Subject and Grade:**all |
| **Arts Expectations:** C1.3, C1.5 | **Math Strand Connections:*** **Number Sense & Numeration**
* **Measurement**
* **Patterning & Algebra**
* **Geometry & Spatial Sense**
* **Data Management & Probability**
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| * **Warm-up (minds on)**
* **Activity (one class)**
* **Mini-unit (several classes)**
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| **Terminology** | **Materials**Boomwhackers, pencils, paper |
| **Learning Goal (*student-friendly language that can be shared with the students*):**I can compose a piece of music that uses three different pitches, quarter notes and adds up to the amount I was asked for. |
| * Using the boomwhackers, write a composition that totals 100 points.
* Use only quarter notes.
* C = 5 points E = 10 points
* G = 15 points C’ = 5 points
* Write your composition in letters
* Play each composition as a group.

EXTENSION ACTIVITY* Change the total to challenge older grades
* Students can see if different time signatures work for their compositions since each one will vary.
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