



## Student Progress Through Arts Resources and Knowledge (SPARK)

### Arts Integration Planning Template

Current Unit/Lesson Title/Topic/  Quarter	Topic/Title for Arts Integrated Unit/Lesson	Number of Instructional Minutes/ Hours	Topic Description	Arts Integration
Numbers & Operations-Fractions	Music, Subdivision and Fractions: How Rhythm Translates to Math Equations (5 <sup>th</sup> -7 <sup>th</sup> )	45 Minutes	Lesson will explore how musical/rhythmic subdivision is based on the same principle as fractions in math.	Music and math have strong correlations. Rhythmic timing in music is based on the same principle as fractions in math. To better understand this concept, students will engage in activities to respond to the following questions:

Quarter 2				<div>1. How is time divided or subdivided in music?</div> <div>2. How can fractions be translated into rhythms?</div> <div>3. How does the terminology used in rhythm notation parallel the terminology used in fractions and math equations?</div>
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