



Task 3: Composing a Symphony of Fractions

- **Timing:** 55 minutes + homework
- **Material required:**
 - Worksheet 1
 - Trial version of a music notation software
 - Free-hosting website
- **Grouping:** Team work
- **Focus on content:**
 - Understanding fractions in music
 - Using math knowledge to compose music
 - Creating and performing rhythms an/or tunes
 - Writing music using a music notation software
- **Focus on language:**
 - Using a music notation software (in the CLIL language)
 - Music vocabulary
 - Creative writing (lyrics)
- **Description of activity 3:** : Composing a Symphony of Fractions
See student's worksheet 3.
- **Document 1:**
See student's worksheet 1 "Composing a Symphony of Fractions"
- **Assessment**
 - Classroom music performances (peer assessment)
 - Mp3 files with rhythms and tunes (peer assessment)
 - Here is an example of a rubric which can be used for peer assessment. Students, guided by the teacher, should finish this rubric by adding 2-3 more categories to be assessed.



A SYMPHONY OF FRACTIONS

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CATEGORY	3	2	1	R - Redo
Overall Performance	The composition was creative and included all required elements.	The composition was somewhat creative. Most of the required elements were included.	The composition was very basic. At least half of the required elements were included.	The composition was not complete. Under half of the required elements were included. Project will need to be revised.
Meter and Rhythm	All measures have the correct # of beats and a variety of rhythms are used.	Most measures have the correct # of beats and a variety of rhythms are used.	Only some measures have the correct # of beats. Rhythms are very basic.	Under half of the measures have the correct # of beats. Composition needs to be edited and resubmitted.

ANSWER KEY:

Activity 1:



Any of the values can be also expressed as rests.