

## 9467 Self Assessment Worksheet

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**Directions:**

1. Briefly describe the learning situation you are reflecting on.
2. Rate yourself on each of the five characteristics of meaningful learning in terms of how your teaching supports this characteristic.
3. In the right-hand column, provide a brief, detailed example to illustrate why this rating is appropriate.
4. Respond to the Summary and Reflection questions at the end of the worksheet.

**Learning Situation:**

Students are designing music using the Doodle Pad module of Music Ace (a music instruction application). They are given a template with short phrases of pre-entered notes followed by empty measures. Their first step is to copy the given notes into the empty measures. After they finish copying each phrase, they go back to the beginning of the piece and modify the rhythm and pitch of the copied notes. The first step teaches them to use the program and the second step allows for more creativity and decision making.

Characteristics of Meaningful Learning	Rating (1=low; 5= high)	Example
Active Learning	1 2 3 4 <b>5</b>	Each student will create their own composition by manipulating the pitch and rhythm of the notes on the screen. They will be able to revise their compositions based on the feedback given when the computer plays their composition for them.
Constructive Learning	1 2 3 <b>4</b> 5	Students will construct their composition using their pre-existing knowledge of pitch and rhythm. They have also had opportunities to compose using pencil and paper, and will have to transfer some of the skills necessary for composing with a pencil to composing with a computer. Students will be given opportunity to reflect on their composition as the computer plays it for them. Based on what they hear, they will have to make decisions about which notes to keep and

		which notes to revise to achieve a cohesive musical composition.
Intentional Learning	1 2 3 <b>4</b> 5	The goal of this learning activity is to produce a unique piece of music within the parameters of the assignment. The opportunity to participate in a digital recital at the end of the project will provide students with an additional goal.
Authentic Learning	1 2 <b>3</b> 4 5	This assignment is not presented in the context of a real-world task. Even with the absence of a real-world scenario, students are surrounded by music on a daily basis, and they understand that someone had to write every piece they have heard. They are creating a real-world product (a musical composition) that they see marketed and performed in a multitude of venues.
Cooperative Learning	1 <b>2</b> 3 4 5	Students will be given the opportunity to participate in a recital after the compositions are finished. During the recital, students will get to hear how other students composed music within the same assignment structure.

### Summary and Reflection Questions:

Which one dimension of meaningful learning do you believe is the strongest in the situation you selected? Why? (one paragraph)

Active learning scores the highest of the five dimensions in this situation. With the aid of the computer, students are manipulating notes to determine pitch and rhythm. Because the computer can play their composition for them, they will have immediate feedback and be able to revise and edit their piece as needed. Each student will have their own computer and will create their own composition. They will not have to wait for their turn or watch someone else complete the assignment while they observe. Although the computer will play their composition for them, they are responsible for arranging the pitches and rhythms that the computer will play.

Which one dimension of meaningful learning do you believe is the weakest in the situation you selected? Why? (one paragraph)

The weakest dimension in this situation is cooperative learning. The majority of the project will be completed individually, with only minimal cooperative engagement at the conclusion of the assignment. The cooperative structure will include the whole class and

there will not be opportunities for group reflection or personal interaction between students; they will only present their composition.

Which technologies could be used to enhance learning in the situation you selected? How? Why? (two paragraphs)

This situation uses several pieces of technology that enhances learning beginning with the web page I created that contains a hyperlink to the network folder containing the template along with tutorial videos and written instructions for the assignment. Each student will have their own computer with headphones and will be able to work independently without being disrupted by external distractions. The assignments will be saved on a shared network folder and students will have the opportunity to share their piece on a digital recital following the completion of the assignment.

These technologies enhance the learning in this situation because they augment the process of composition, much like word processors augment the process of writing. My students have had experiences writing music with paper and pencil and they should see the differences in composing without a computer and composing with a computer. When the computer plays their composition for them, they can make further decisions based on this feedback. Those students who struggled to write music with a pencil should have a better experience writing music with the support of the computer application.