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Music 211  
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Lesson Plan for Math with Music

**Activity:** Subtracting from Ten

**Grade Level:** Kindergarten to 1<sup>st</sup>

**Concepts:** Identify Subtraction in Mathematics  
Demonstrate understanding of subtraction  
Computation

**Indiana State Academic Standards:**

**Music Arts:**

- Standard 1. Singing along with others
- Standard 4. Improvising melodies and accompaniments
- Standard 5. Composing and arranging music within specified guidelines

**Mathematics:**

- Standard 2. Computation
- Standard 3 Algebra and Functions

**Objectives:**

1. Be able to subtract numbers less than ten from ten.
2. Sing the song and incorporate a math problem
3. Create their own math problem
4. Learn the mathematical equations
5. Answer by computing and memory

**Materials:**

- Song *5 Green and Speckled Frogs*
- Flash cards with numbers 1-10 or with math problems subtracting from 10.
- Chalk board/ chalk
- Note page
- Workbook page
- Paper/ Pencil

**Procedures:**

**Preliminary Activities:**

1. Have the children sit in their desk (or in a circle)
2. Have the children review the song *5 Green and Speckled Frogs*
3. Teach the song if a student does not know or remember.
4. Sing the song through once
5. Prepare the students by saying "Today we are going to learn to subtract."

Main Content

1. Describe what the word subtraction means
2. Explain how this works
3. Give an example problem and solve it
4. Have the children try the problem ( $2-1=1$ )
5. Now explain that you will be using the song and putting a subtraction problem in it.
6. Pass out Song Page and Problem Page
7. Explain how the song will work:  
    “You will be performing the song by filling in the first and second blanks with the problem. The third blank will be the answer. I will hold up a flash card (s) for you to use to fill in the blanks.”  
\* Try an example to make sure they understand
8. Have them write the problem down on paper for the first few times to give them a chance to solve it, then try it without the paper.
9. Sing the song with the problems.
10. Have each child sing the song with a problem by themselves with a problem.
11. Closure:  
    Review what subtraction means  
    Review how it works

Assessment

1. Give each student a worksheet that they need to complete correctly.
2. Give them a practice test to make sure they understand the concepts for their test at the end of the week.