

MATH & MUSIC**Math Lesson 3: Intro to Quarter and Half Notes K-6**

Highlight the use of common symbols (such as dollar signs or emoticons) to represent an idea. Introduce the musical symbols of quarter notes and half notes to represent 1 beat and 2 beats, respectively. Utilize these symbols for counting and simple addition. Explore these concepts with physical movements.

Standards listed on next page

Supplies:

- Paper and writing utensil

Objective

Students will learn to identify, describe, and count quarter notes and half notes through movement and symbol recognition.

Outline & Procedure *using the video*

1. Recognize and think about how symbols are used in the world around us, such as a traffic sign. Option to pause and discuss more examples of symbols.
2. This also applies to letters, numbers and music notes. They symbolize different values.
3. Learn about a quarter note, which in common time (4/4) keeps a steady pulse: 1-2-3-4.
 4. Describe the quarter note symbol (circle with a line on the side).
5. Try drawing a few quarter notes.
6. With the video (2:00) count in quarter notes to the pulse.
 7. Count the same, but replace the number value with the word “note”.
8. Examine and describe the differences between a half note and quarter note. (The circle is not filled in).
 9. Draw a few half notes.
10. Count in half notes (2 beats each) by clapping on the first beat and holding for the second. (3:45)
 11. Count the same, but replace the number with the words “half note”.
12. Stand up and prepare to practice independence: where one part of your body does one thing, while another does something different.
 13. Example 1: quarter notes (5:04)
 14. Example 2: half notes (5:34)

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15. Example 3: quarter notes (2) plus half note (1) at (6:34)
16. Example 4: half note (1) plus quarter notes (2) at (7:18)
17. Example 5: half note (1) plus quarter notes (6) at (8:20)
18. On your own: try to count the rhythm shown. 2 half notes plus 4 quarter notes
19. Answer and demonstration at (8:55)
20. DIY project: Write out a rhythm using quarter and half notes. Then swap with a classmate to see if you can count each other's rhythm.

Kentucky Standards:

KY.K.CC.1 Count verbally forward by 1

KY.K.OA.5 Relate counting to addition and subtraction

Ohio Standards:

1.OA.5 Relate counting to addition and subtraction, e.g., by counting on 2 to add 2.

NAfME Standards:

MU:Cr1.1.Ka With guidance, explore and experience music concepts (such as beat)

MU:Cr1.1.Kb With guidance, generate musical ideas (such as movements or motives)

MU:Cr1.1.Ia With guidance, improvise rhythmic patterns for a specific purpose

MU:Cr2.1.Ka With guidance, organize personal musical ideas using iconic notation

MU:Pr4.1.1b When analyzing selected music, read and perform rhythmic patterns using iconic or standard notation