ARTS + ACADEMIC EXTENSIONS

GRADES 1 & 2 | MATH/DANCE

Tap Dancing Our Way Through 2-Digit Numbers

In this lesson, students will learn five basic tap steps and explore how connecting movement and math can help them break down two-digit numbers into ones and tens.

Students will use tap dancing steps to express tens and ones and connect movement to place value charts, number bonds, and math manipulatives.

Standards:

COMMON CORE MATH STANDARD 1.NBT.2

2. Understand that the two digits of a two-digit number represent amounts of tens and ones.

DA:Cr1.1.1

a. Explore movement inspired by a variety of stimuli (for example, music/sound, text, objects, images, symbols, observed dance, experiences) and identify the source

b. Explore a variety of locomotor and non-locomotor movements by experimenting with and changing the elements of dance.

Art Extensions:

Tap Dancing Our Way Through Two-Digit Numbers is a fun way to connect movement to counting and skip counting. During the lesson, we learned four tap steps while exploring steady beat and beat patterns. Here are ways to practice tap even further:

Tap Extension 1: Steady Beat

Review the tap steps from the warm-up. Stomp, Heel Stomp, Toe Toe Stomp, Shuffle Stomp, and Slide Stomp.

Count out loud from one to twenty, and stomp on each number. Once students have tried this, repeat it with another tap step where each sound you make with your feet is a number. For example using a slide stomp. The slide is 1 and the stomp is 2. Continue from here. Consider letting the students choose the step.

Tap Extension 2: Beat Pattern

Choose 1 tap step to represent single digits and another tap step to represent multiples of 2. Count from 1 to 20 and for every even number or multiple of 2 do the chosen tap step. For example, 1=stomp, 2=toe stomp, 3=stomp, 4=toe stomp, 5=stomp, 6=toe stomp.

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As you progress, encourage the students to listen to the pattern of sound they're making with their feet as they count. In addition, you can choose to keep stomp as your underlying step and place another tap step on a higher number such as 5. Students can also count to a higher number above 20.

Extension 3: Fusion

To add another level of excitement to the above activities, consider repeating these activities while playing fun upbeat music. This will help students establish a steady beat, explore counting and moving with music, and create rhythms within the beats of the music.

Academic extensions:

Countdown

In this lesson, you can help students understand that the two digits of a two-digit number represent amounts of tens and ones.

Start with a Kahoot to identify one and tens place: https://create.kahoot.it/share/place-value/e3797f7d-c154-4b87-a23b-fb96e8661184.

Counting with Base Ten Counting activity: https://docs.google.com/presentation/d/1OvWZSK3_A1Eee1RJDilPKH-QX8a00Wv99jwTLlFK1_bw/copy.

More or Less

These slides are a great independent or group activity. The links at the bottom send students to YouTube videos that explain how to count!

https://docs.google.com/presentation/d/1u-Up_MYy4oWGMD3OKqcbkygpFyjLe3Ob7khgfyapdtY/copy.

Count It Up

Watch this video before completing the Tens and Ones activity: https://youtu.be/_dHu5TFxPtk.

Complete this Tens and Ones activity and build 2 digit numbers:

https://docs.google.com/presentation/d/1NH5BB5cYlAoK2Ek6nTkLjnlbvxYOtNA7A4K93mn7Mj8/copy.