Lesson 9: Addition With a Ten

Standards Alignments

Addressing   1.NBT.B.2.a, 1.NBT.B.2.b, 1.OA.D.8

Teacher-facing Learning Goals

- Compose and decompose teen numbers into 1 ten and some number of ones.
- Find the value that makes an addition equation true, where one addend is 10.

Student-facing Learning Goals

- Let's use a ten to make teen numbers.

Lesson Purpose

The purpose of this lesson is for students to deepen their understanding that teen numbers are composed of a ten and some ones, and to find the value that makes an addition equation true when one addend is 10.

This lesson builds on the previous lesson in which students composed teen numbers using a ten and some ones. Students move from using connecting cube towers to filled-in 10-frames to represent teen numbers. Students also relate their composition work and the relationship between addition and subtraction to find values that make equations true.

Students continue using double 10-frames throughout the unit. Consider making copies on card stock so they can be used repeatedly.

Access for:

🧩 Students with Disabilities

- Representation (Activity 2)

🌐 English Learners

- MLR8 (Activity 1)

Instructional Routines

Notice and Wonder (Warm-up)

Materials to Gather

- Connecting cubes or two-color counters: Activity 1, Activity 2
- Double 10-frames: Activity 2

Materials to Copy

- Double 10-Frame - Standard (groups of 1): Activity 1
- Number Cards 11-20 (groups of 2): Activity

Lesson Timeline

Warm-up	10 min
Activity 1	20 min
Activity 2	15 min
Lesson Synthesis	10 min
Cool-down	5 min

Teacher Reflection Question

What methods are students using when they build teen numbers: concrete objects on a 10-frame, drawings, numbers? How do these methods reflect their developing understanding of the unit ten?

Cool-down (to be completed at the end of the lesson) 🕐 5 min

Missing Number

Standards Alignments

Addressing   1.NBT.B.2.b, 1.OA.D.8

Student-facing Task Statement

Find the number that makes each equation true.
Show your thinking using drawings, numbers, or words.

1. $10 + 9 = \boxed{}$

2. $10 + \boxed{} = 12$

Student Responses

1. 19. Sample response: I know that 10 and 9 more is 19.

2. 2. Sample response: I put 12 on my 10-frames. I saw that the 10 was filled in, and then there were 2 more.