Strategies - Making Ten

Content Area: **Mathematics**
Course(s): **Math 2**
Time Period: **November**
Length: **10 Days**
Status: **Published**

Unit Summary

In this unit, students explore the big idea that our number system is a base-ten system. The understanding of tens allows them to understand place value. And their automatic recall of number combinations that make ten allows them to efficiently do mental math computations.

Standards

MA.2.OA.B	Add and subtract within 20.
MA.2.OA.B.2	Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers.
CRP.K-12.CRP2	Apply appropriate academic and technical skills.
CRP.K-12.CRP2.1	Career-ready individuals readily access and use the knowledge and skills acquired through experience and education to be more productive. They make connections between abstract concepts with real-world applications, and they make correct insights about when it is appropriate to apply the use of an academic skill in a workplace situation.
TECH.8.1.2.A.CS1	Understand and use technology systems.
TECH.8.1.2.A.CS2	Select and use applications effectively and productively.

Student Learning Objectives

Students will learn...

- our number system is a system of tens.
- the order of the addends doesn not change the sum (commutative property).
- addition and sbtraction are inverse operations.

Essential Questions

- Does the order of addends affect the sum?
- If you know one part and the whole is 10, how will you find the other part?

Enduring Understandings

Students will understand that...

- our number system is a base-ten system.
- automatic recall of number combinations that make ten allows them to efficiently do mental math computations.

Application

Students will be able to independently use their learning to…

- recall number combinations that make ten.
- utilize number combinations that make ten to do mental math computations.

Skills

Students will be skilled at...

- Understanding Making Tens