

Strategies- Using Tens

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

Unit Summary

In this unit, students explore +10 facts and begin understand that adding any single-digit number to 10 is quite simple. Students are able to make tens and then simply add the remaining quantity to that 10, simplifying the addition task.

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...

- working with tens simplifies computation.
- numbers are flexible.
- numbers can be broken apart to more easily perform calculations.

Essential Questions

- How can we simplify this fact?
- Do we already know any facts that are close to this?
- Can we find a +10 fact that is close? How will that help us? Can we break apart either addend so we can make ten?
- How does breaking apart numbers help us find unknown facts?

Enduring Understandings

Students will understand that...

- adding any single-digit number to 10 is quite simple.
- if they are able to make tens and then simply add the remaining quantity to that 10, the addition task is simplified.
- a number can be composed and decomposed.

Application

Students will be able to independently use their learning to...

- make tens to simplify and addition task.

Skills

Students will be skilled at ...

- understanding and using tens facts to simplify addition.