

# Strategies- Using Tens

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

## Unit Summary

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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

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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

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Students will learn...

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

## Essential Questions

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- 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

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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

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

- make tens to simplify an addition task.

## Skills

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Students will be skilled at ...

- understanding and using tens facts to simplify addition.