Strategies- Using Doubles

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

Unit Summary

In this unit, students will capitalize on their knowledge of doubles facts to explore doubles-plus-one more and doubles-plus-two fact. This unit will help students better understand numbers and properties so that they are able to use their existing knowledge to make sense of unknown facts.

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...

- doubling is the process of joining two groups of the same quantity.
- halving us the opposite of doubling.

Essential Questions

- How can we simplify this fact?
- Do we already know any facts that are close to this?
- Can we find a doubles fact tat is close How might this help us?
- Is that the only way to simplify this fact? How else might you think about the fact?

Enduring Understandings

Students will understand that...

- knowledge of doubles-plus-one more and doubles-plus-two facts can help to achieve fact fluency.
- numbers, properties, and existing knowledge can help to make sense of unknown facts.

Application

Students will be able to independently use their learning to…

- solve facts with fluency

Skills

Students will be skilled at...

- using doubles to simplify addition.