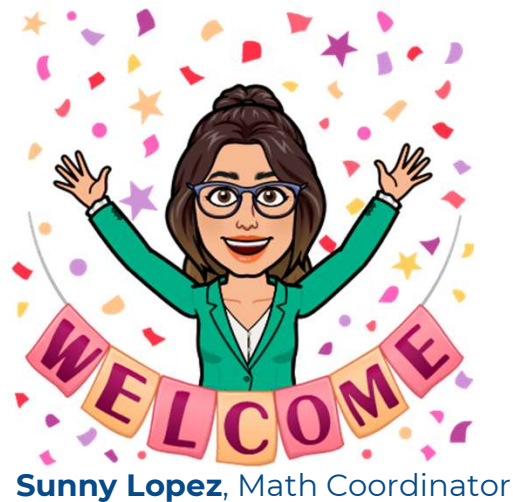




DAC/DELAC: Empowering Parents



January 23, 2024

Learn more at cvesd.org





Acronyms

DAC **District Advisory Council**

DELAC **District English Learner Advisory Committee**



Sunny Lopez Math Coordinator



melissa.lopez@cvesd.org

Sunny Lopez, Math Coordinator

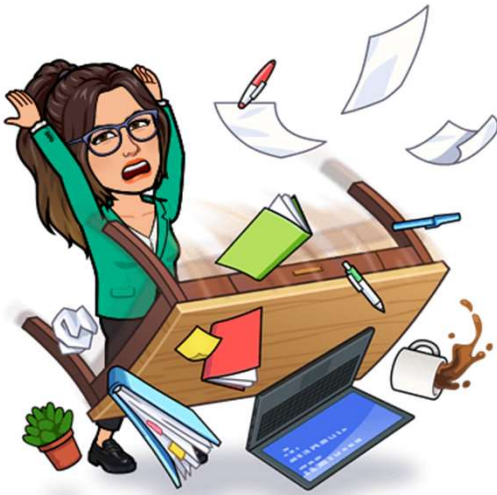
January 23, 2024

Learn more at cvesd.org

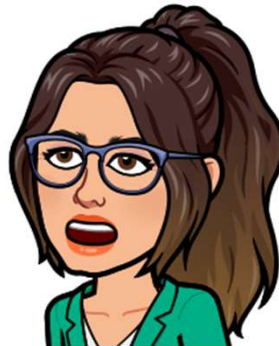




DAC/DELAC: Empowering Parents



THINKING...



Sunny Lopez, Math Coordinator

January 23, 2024

Learn more at cvesd.org





Activity



Sunny Lopez, Math Coordinator

Learn more at cvesd.org





SESSION 2

Develop

Multiplying Fractions by Whole Numbers

Learning Objective and Success Criteria

- Solve word problems involving multiplication of a fraction by a whole number, e.g., by using visual fraction models and equations to represent the problem.

SMP 1, 2, 3, 4, 5, 6, 7



LESSON 24 • Multiply Fractions by Whole Numbers

Learn more at cvesd.org





Start

Draw a model to show $3 \times \frac{4}{5}$.
Then write the product.



©Curriculum Associates, LLC Copying is permitted.

Learn more at cvesd.org





TRY IT Make sense of the problem

Lani is baking cookies. One batch of cookies uses $\frac{2}{4}$ of a teaspoon of vanilla. Lani wants to make 3 batches of cookies. How much vanilla does Lani need?



- What is the problem about?
- What are you trying to find out?
- What information is important?

©Curriculum Associates, LLC Copying is permitted.



Learn more at cvesd.org





TRY IT Solve and support your thinking

Lani is baking cookies. One batch of cookies uses $\frac{2}{4}$ of a teaspoon of vanilla. Lani wants to make 3 batches of cookies. How much vanilla does Lani need?



Math Toolkit

- fraction circles
- fraction tiles
- measuring spoons
- fraction bars
- number lines 
- fraction models 

©Curriculum Associates, LLC Copying is permitted.



Learn more at cvesd.org





DISCUSS IT Share your thinking with a partner



Ask your partner: How did you get started?

Tell your partner: I knew ... so I ...



©Curriculum Associates, LLC Copying is permitted.

Learn more at cvesd.org





DISCUSS IT Compare class strategies

Lani is baking cookies. One batch of cookies uses $\frac{2}{4}$ of a teaspoon of vanilla. Lani wants to make 3 batches of cookies. How much vanilla does Lani need?

CLAP
CLAP
CLAP



©Curriculum Associates, LLC Copying is permitted.

Learn more at cvesd.org

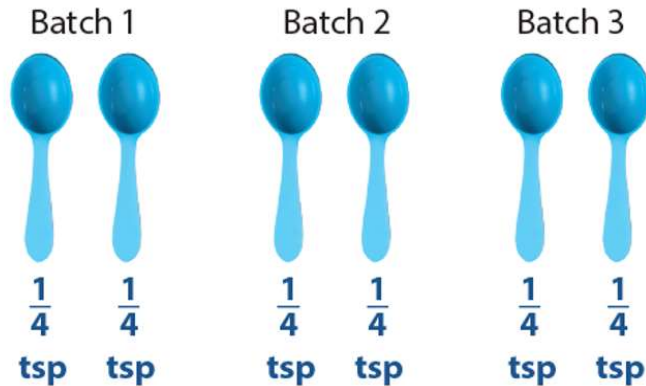




PICTURE IT Compare strategies

You can use a picture to help solve the word problem.

The picture shows six $\frac{1}{4}$ teaspoons for 3 batches.



©Curriculum Associates, LLC Copying is permitted.



Learn more at cvesd.org

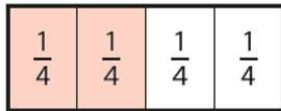




MODEL IT Compare strategies

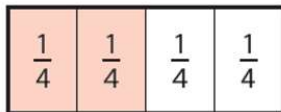
You can also use fraction bars to solve the word problem.

The fraction bar below is divided into fourths and shows $\frac{2}{4}$, the amount of vanilla in each batch.

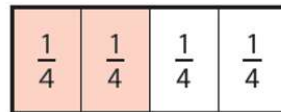


The model below shows the amount of vanilla needed for **3 batches**.

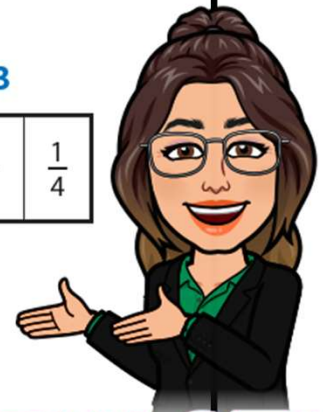
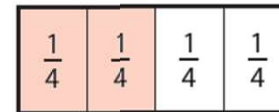
Batch 1



Batch 2



Batch 3



EXACTLY!

©Curriculum Asso

Learn more at cvesd.org





CONNECT IT Make connections and explain your thinking

- 1 How much vanilla does Lani need for each batch?
- 2 How many batches does Lani want to make?
- 3 Write an equation to find how many teaspoons of vanilla Lani needs.

$$\begin{array}{ccccc} \dots & \times & \dots & = & \dots \\ \text{number of} & & \text{teaspoon} & & \\ \text{batches} & & \text{for 1 batch} & & \text{teaspoons} \\ & & & & \text{needed} \end{array}$$

- 4 Explain how you can check your answer using repeated addition.
- 5 Write the fraction that shows how many teaspoons of vanilla Lani needs as a mixed number.
- 6 Between which two whole numbers of teaspoons is the amount of vanilla Lani needs?
- 7 How is the fraction bar model like the teaspoon model in showing how to multiply a fraction by a whole number?



©Curriculum Associates, LLC Copying is permitted.

Learn more at cvesd.org

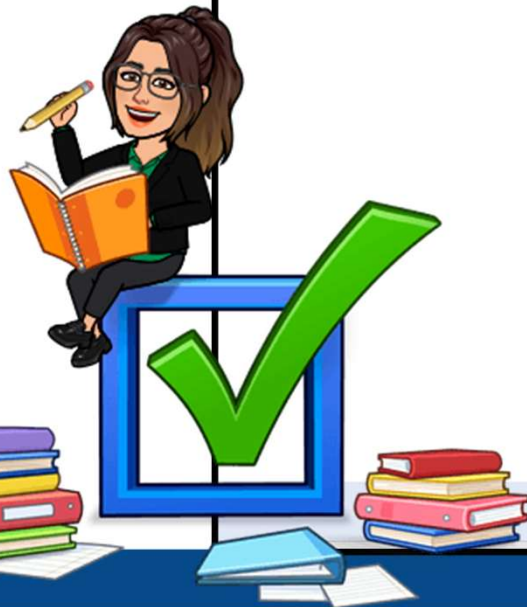




CONNECT IT Reflect on what you have learned

8 REFLECT

Look back at your **Try It**, strategies by classmates, and **Picture It** and **Model It**. Which models or strategies do you like best for multiplying a fraction by a whole number to solve a word problem? Explain.



©Curriculum Associates, LLC Copying is permitted.



Learn more at cvesd.org





APPLY IT Apply your thinking to a new problem

- 9 Micah jogs $\frac{8}{10}$ of a mile. Sarah jogs this same distance 3 days in a row. How far does Sarah jog altogether?



©Curriculum Associates, LLC Copying is permitted.



Learn more at cvesd.org

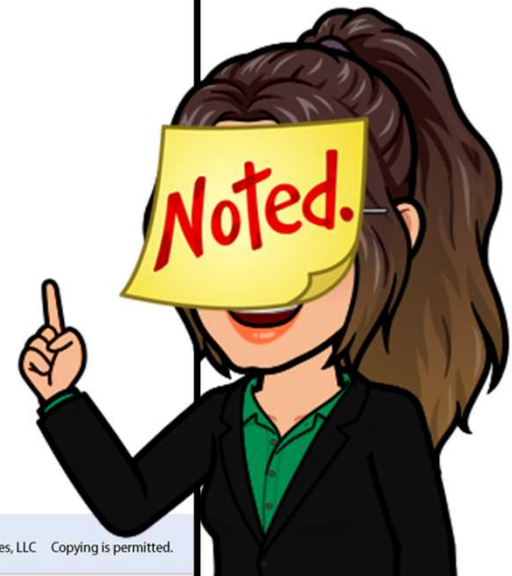




APPLY IT

Apply your thinking to a new problem

- 10 On Monday, Sylvia spends $\frac{5}{12}$ of a day driving to her cousin's house. On Friday, she spends the same amount of time driving home. What fraction of a day does Sylvia spend driving to her cousin's house and back?



©Curriculum Associates, LLC Copying is permitted.

Learn more at cvesd.org





Close: Exit Ticket

- 11 Isabella fills her fish tank using a water jug. The water jug holds $\frac{4}{5}$ of a gallon of water. Isabella uses 9 full jugs to fill her fish tank. How many gallons of water does the fish tank hold?

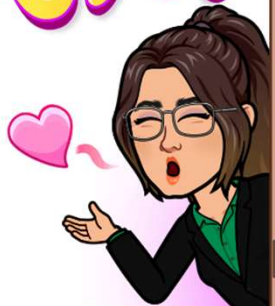
Ⓐ $\frac{36}{45}$ gallons

Ⓑ $2\frac{3}{5}$ gallons

Ⓒ $7\frac{1}{5}$ gallons

Ⓓ $36\frac{1}{5}$ gallons

bye!



©Curriculum Associates, LLC Copying is permitted.

Learn more at cvesd.org





i-Ready Mathematics



Sunny Lopez, Math Coordinator

Learn more at cvesd.org





Sunny 540 Family Center

My Path

Next Lesson

Algebra and Algebraic Thi...
Practice: Multiples of 8

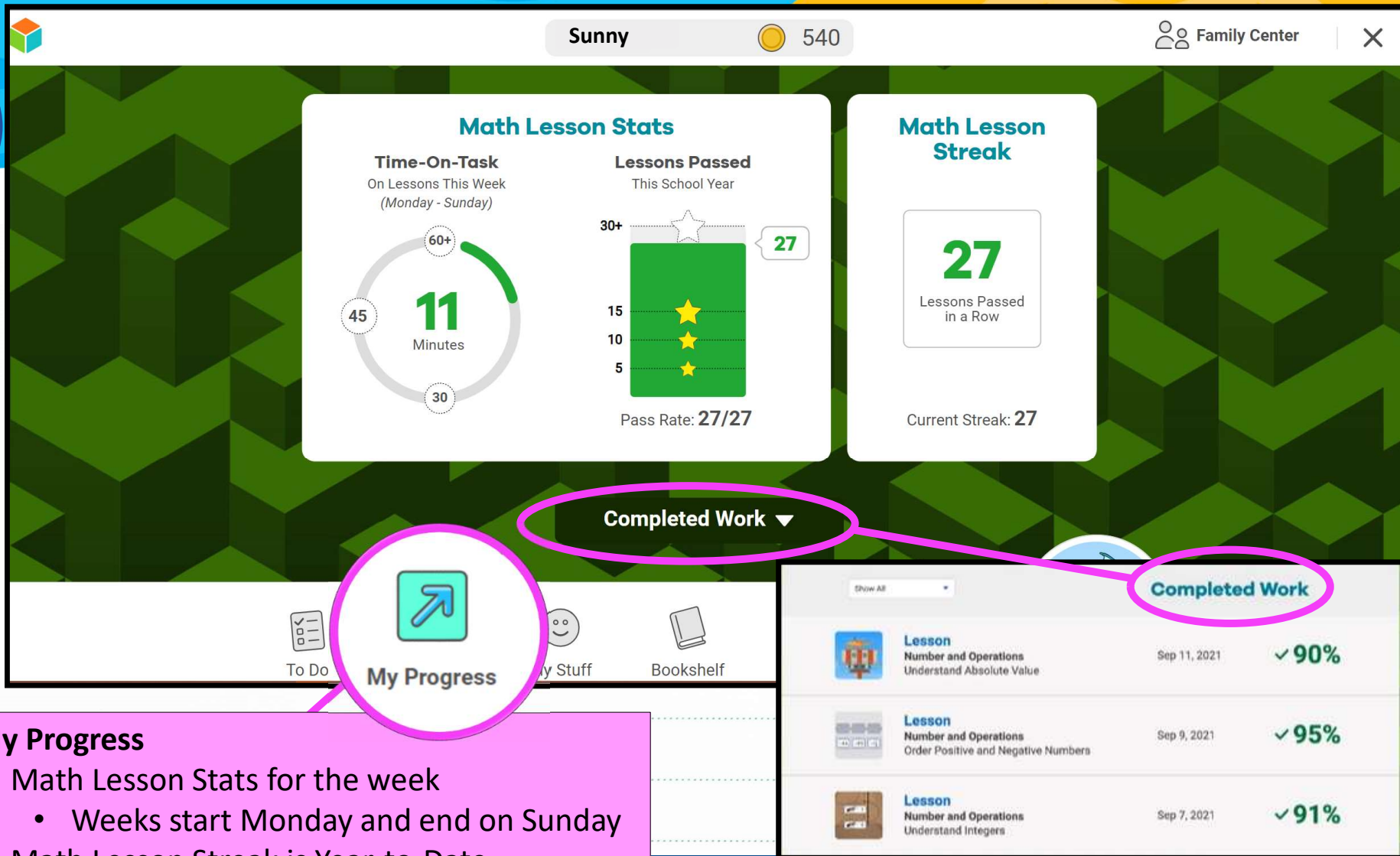
To Do

My Progress My Stuff Bookshelf Tools Learning Games

Fluency Flight

To Do

- My Path Activities
- Teacher Assigned Lessons
- Comprehension Checks



My Progress

- Math Lesson Stats for the week
 - Weeks start Monday and end on Sunday
- Math Lesson Streak is Year-to-Date

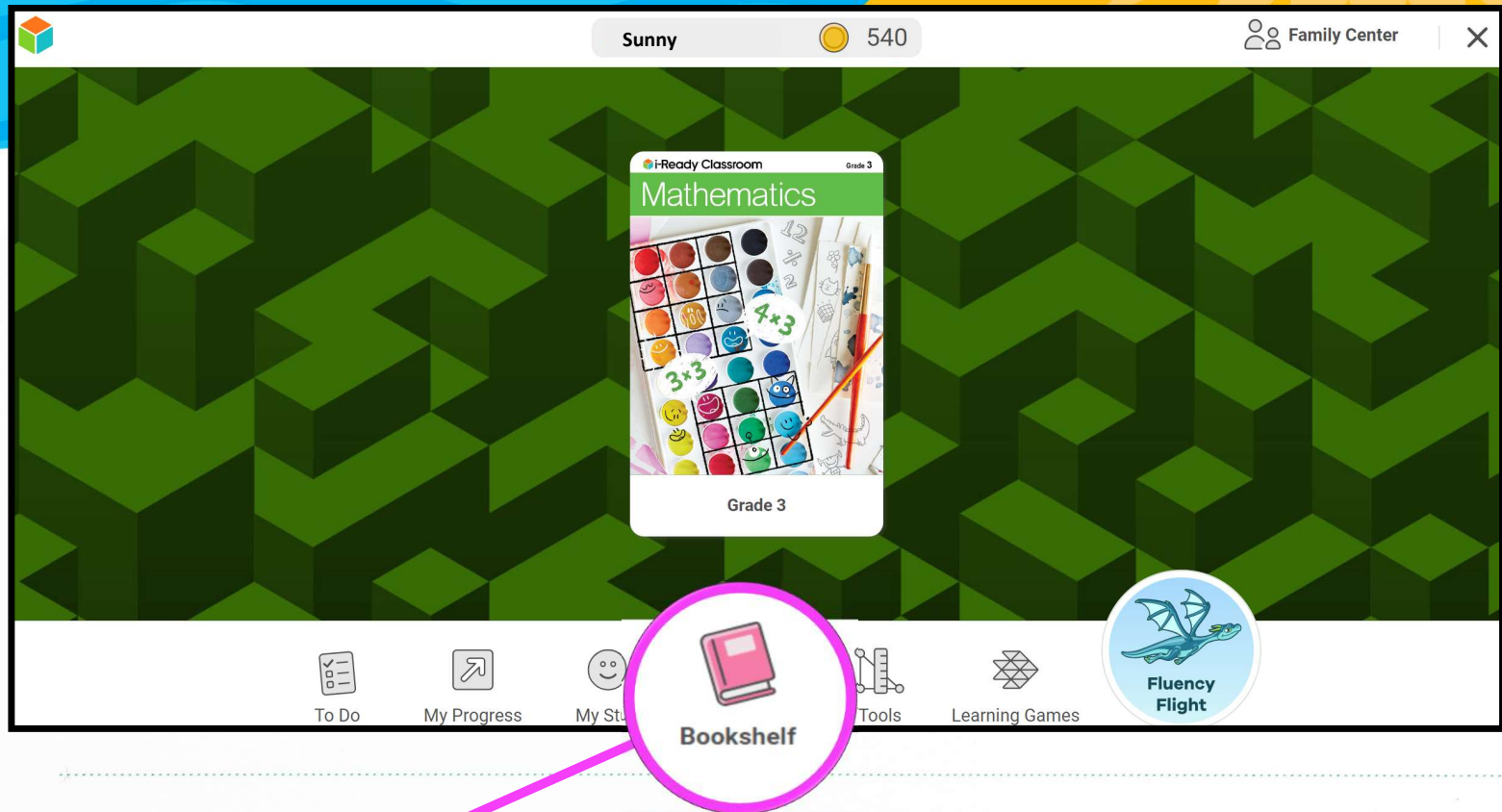
Learn more at cvesd.org





My Stuff

- Based on performance on personalized instruction, students can earn coins
- Can use coins to buy games



Bookshelf

- Students have digital access to their books
- Click on the book to open resources



Bookshelf My Book My Notes My Videos

Front of Book

- Unit 1 Lesson: 1 - 3
- Unit 2 Lesson: 4 - 13
- Unit 3 Lesson: 14 - 19
- Unit 4 Lesson: 20 - 26
- Unit 5 Lesson: 27 - 29
- Unit 6 Lesson: 30 - 33

Welcome to Family Resources!

Learn about the math strategies students are using in school, and find suggestions on ways to support students at home. For more information, go to the i-Ready Classroom Mathematics Family Center.

PDF Language: English

Resources

Family Letters

Watch Video

Table of Contents

Program Overview

Family Resource Guide

Unit 1 : Three-Digit Numbers: Place Value, Addition, and Subtraction

Lesson 1 - Use Place Value to Round Numbers

Lesson 2 - Add Three-Digit Numbers

Lesson 3 - Subtract Three-Digit Numbers

Unit 2 : Multiplication and Division

Lesson 4 - Understand the Meaning of Multiplication and Division

Lesson 5 - Multiply with 0, 1, 2, 5, and 10

Bookshelf → Family Resources → Unit Videos

- Videos share the big ideas of each unit
- Closed Captions can be adjusted
- Discuss topics of learning and how lessons are designed to teach concepts

Unit Flow and Progression Video: Grade 3, Unit 1

Unit 1: Three-Digit Numbers
Place Value, Addition, and Subtraction

Quality: Auto

Captions: Disabled

Disabled
English
Español

CC

Learn more at cvesd.org





Bookshelf My Book My Notes My Videos Family Resources

Unit 1
Lesson: 1 - 3

Lesson 1

Unit Opener
Build Your Vocabulary
Lesson 2
Lesson 3
Self Reflection
Math in Action

Use Place Value to Round Numbers

Dear Family,
This week your child is learning to use place value to round numbers.

Rounding is useful to give you an idea of the size of a number when you do not have to be exact. For example, when you buy several items you might round each price to the nearest dollar before adding them all in your head.

These blocks show the number 217. How do you round 217 to the nearest hundred?

217 is 2 hundreds + 1 ten + 7 ones.

To round 217 to the nearest hundred, decide whether 217 is *more than* or *less than* halfway between 200 and 300. To do this, look at the tens.

5 tens is exactly half of 100. So, if there are fewer than 5 tens in 217, it is closer to 200. If there are 5 or more tens, 217 is closer to 300.

Because 217 has only 1 ten, 217 rounded to the nearest hundred is 200. So, it *rounds down* to 200.

To round 217 to the nearest ten, look at the ones. 217 is between 210 and 220. If there are fewer than 5 ones, it is closer to 210. If there are 5 or more ones, it is closer to 220.

Because 217 has 7 ones, 217 *rounds up* to 220.

Invite your child to share what he or she knows about using place value to round numbers by doing the following activity together.

©Curriculum Associates, LLC. Copying is not permitted.

Lesson 1 Use Place Value to Round Numbers 3

Bookshelf → Unit 1 → Lesson 1 → Family Letters

- Family Letters introduce that lesson's focus along with ways in which the students will learn
- Clicking on the right arrow (>) will show all the following pages of the student book.
- Every lesson starts with a Family Letter



Bookshelf My Book My Notes **My Videos** Family Resources

Front of Book

- Unit 1 Lesson: 1 - 3
- Unit 2 Lesson: 4 - 13
- Unit 3 Lesson: 14 - 19
- Unit 4 Lesson: 20 - 26
- Unit 5 Lesson: 27 - 29
- Unit 6 Lesson: 30 - 33

i-Ready Classroom Mathematics Grade 3

Table of Contents

Unit 1 : Three-Digit Numbers: Place Value, Addition, and Subtraction

- Lesson 1 - Use Place Value to Round Numbers
- Lesson 2 - Add Three-Digit Numbers
- Lesson 3 - Subtract Three-Digit Numbers

Unit 2 : Multiplication and Division: Concepts, Relations, and Properties

- Lesson 4 - Understand the Meaning of Multiplication
- Lesson 5 - Multiply with 0, 1, 2, 5, and 10
- Lesson 6 - Multiply with 3, 4, and 6
- Lesson 7 - Multiply with 7, 8, and 9
- Lesson 8 - Use Order and Grouping to Multiply
- Lesson 9 - Use Place Value to Multiply

Session 2: Watch Video

Session 3: Watch Video

Session 2: Watch Video

Session 3: Watch Video

Session 2: Watch Video

Session 3: Watch Video

Session 4: Watch Video

Session 2: Watch Video

Session 3: Watch Video

Session 4: Watch Video

Session 2: Watch Video

Session 3: Watch Video

Session 4: Watch Video

Session 2: Watch Video

Session 3: Watch Video

Session 4: Watch Video

Session 2: Watch Video

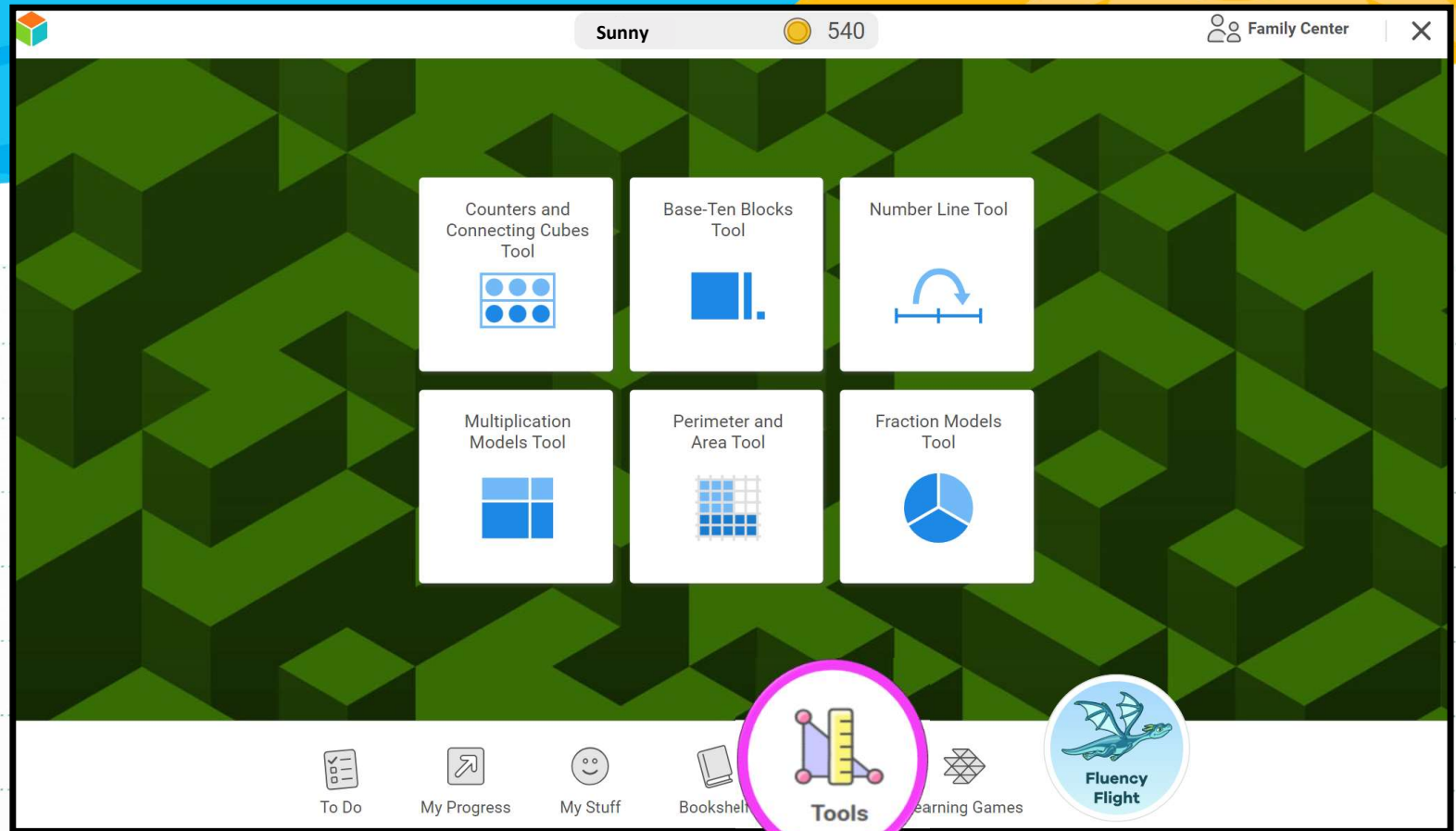
Session 3: Watch Video

Session 4: Watch Video

Session 2: Watch Video

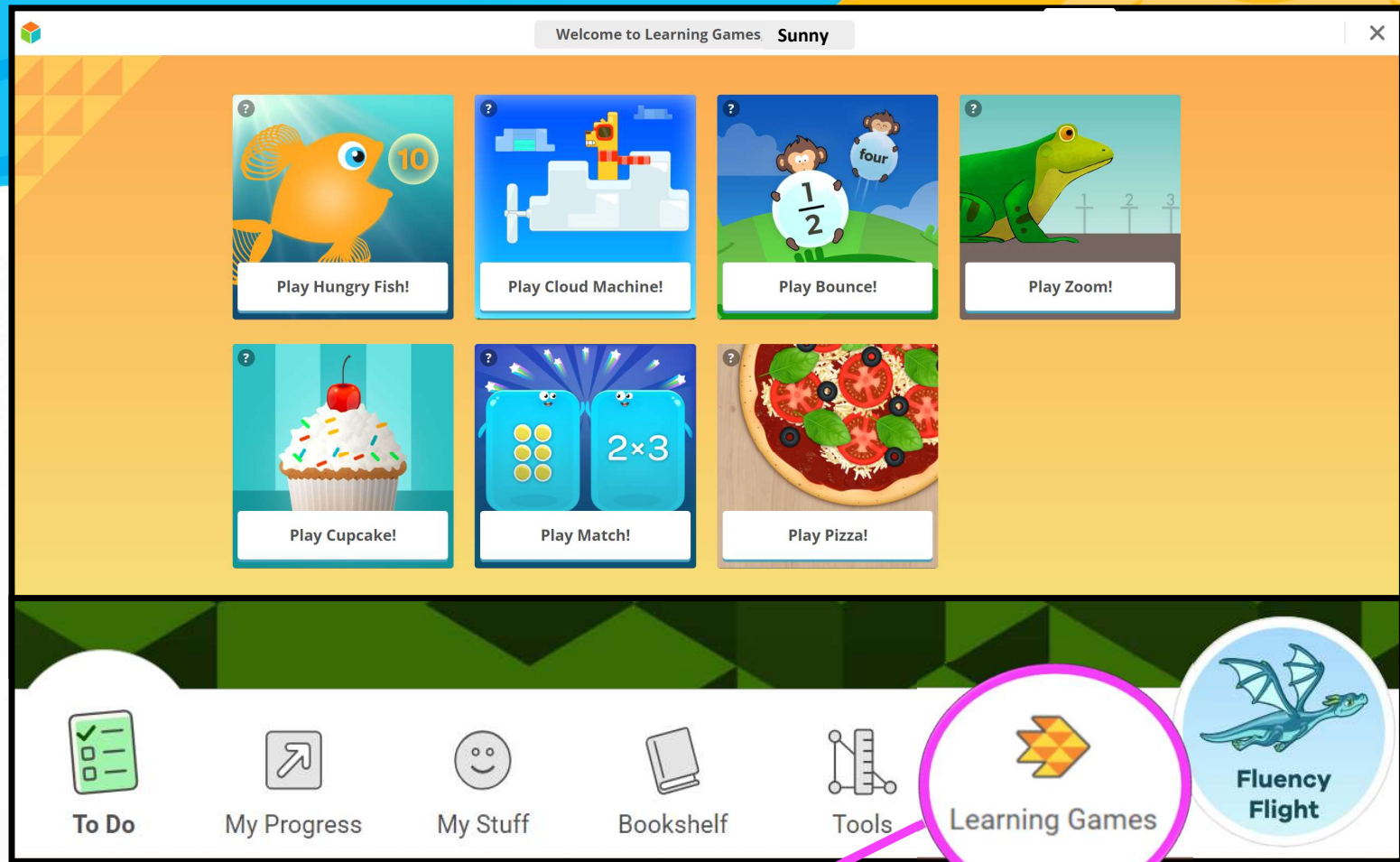
Bookshelf → My Videos

- These videos will help explain and solve problems similar to the ones in the book. The videos may not match your book exactly, but they cover the same skills in the lesson.



Tools

- Clicking on each tool will give a full tutorial on how the tools work and how to use them while in iReady



Learning Games

- Fun activities that concentrate on understanding concepts and fluency

Learn more at cvesd.org





Fluency (grades 2-5)

- Starts at grade-level
- Student adaptive
- Add, subtract, multiply and divide
- Fluency and automaticity

Learn more at cvesd.org





Any Questions?

Sunny Lopez
Math Coordinator



melissa.lopez@cvesd.org

Sunny Lopez, Math Coordinator

January 23, 2024

Learn more at cvesd.org





DAC/DELAC: Empowering Parents



Sunny Lopez, Math Coordinator

January 23, 2024

Learn more at cvesd.org



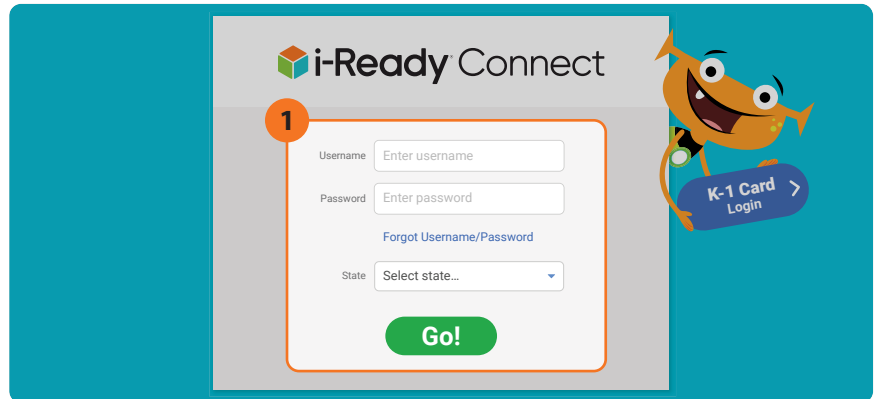
How to Access Family Resources for *i-Ready Classroom Mathematics*

Overview

At Curriculum Associates, we believe families should have access to all the necessary tools and resources to support their student's learning at home. We provide digital practice opportunities, a digital copy of the Student Worktext through the student dashboard, and activities for you to explore mathematics with your student through the Family Resources page. Here you will find step-by-step instructions for accessing those resources at home.

1. In order to access the Family Resources, you will need to navigate to i-ReadyConnect.com. **You can get your student's username and password from their teacher.**

Please note: If your student's school uses Clever® for single sign-on, your student's teacher will have instructions for how to access the program at home.



2. Once you are on your student dashboard, you will have many options to choose from. **Learning Games** are a fun and engaging way for students to practice and develop a positive relationship to challenge.

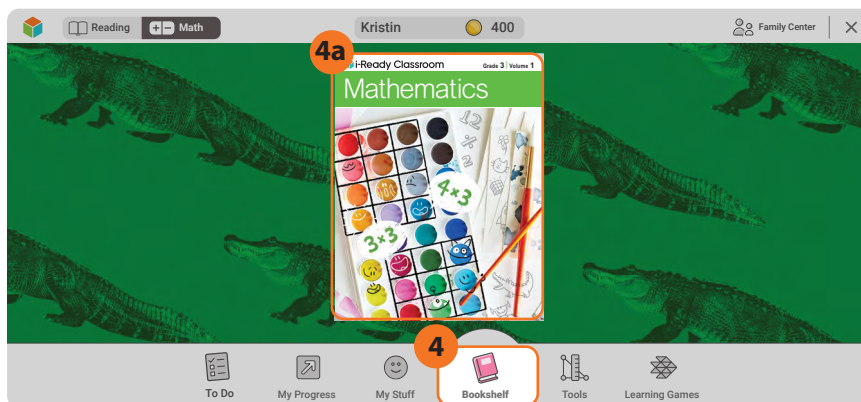


3. Users who have access will see **Fluency Flight** appear on the student dashboard. Fluency Flight helps your student build mathematics fact fluency with games and activities that are personalized to the facts they're learning.

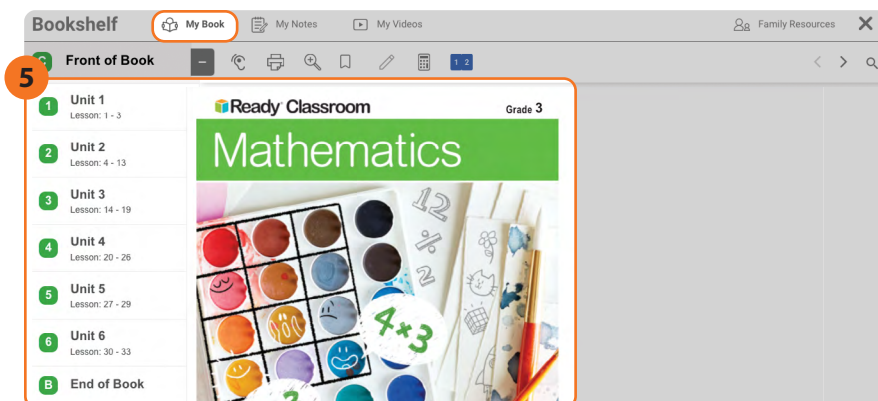


i-Ready Classroom Mathematics images shown are included as samples. Actual product may vary.
Clever® is a registered trademark of Clever, Inc.

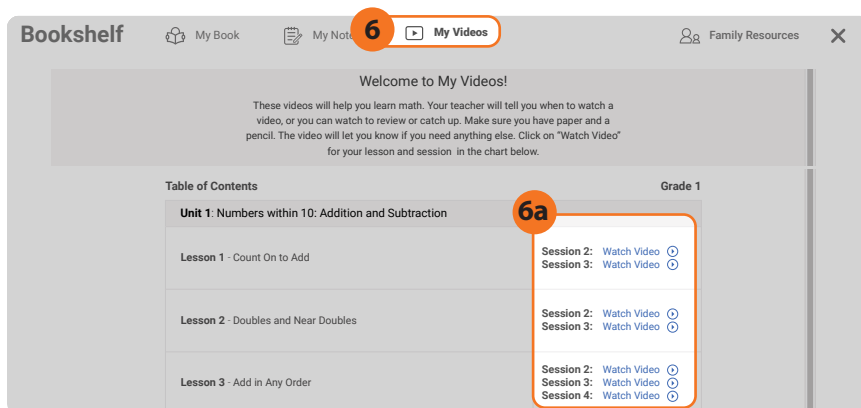
4. Select the **Bookshelf icon**, and you will see an image of your Student Worktext. Click on the **book** (4a) to be taken to the digital edition.



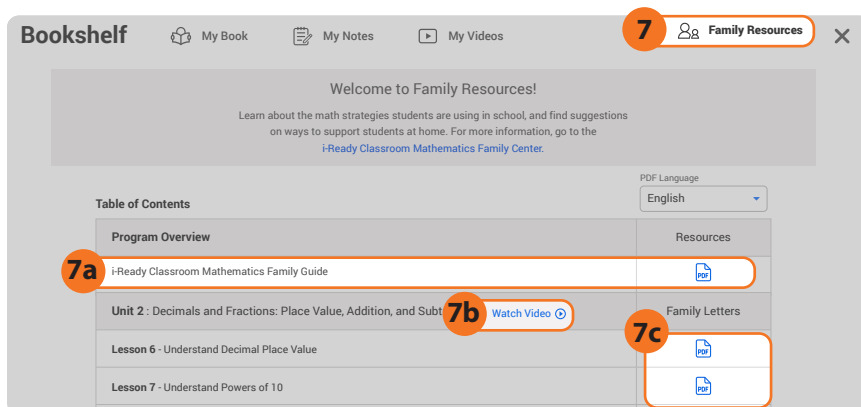
5. You are now on the Student Bookshelf, where you can access a **digital copy of your Student Worktext**.



6. Some grade levels will have a button for **My Videos**. Click on that button. If available for your student's grade level, you will find a series of **Develop Session videos** (6a) to support learning at home.



7. Next, you will find a button for **Family Resources**. Click on that button. On the Family Resources page, you will find a **Family Guide** (7a) that provides an overview of the program, a **video** (7b) that explains the learning in each unit, and **Family Letters** (7c) with activities for home practice for each lesson.



To learn more and find resources for supporting your student with mathematics at home, please visit [i-Ready Classroom Mathematics Family Center](#).

i-Ready Classroom Mathematics images shown are included as samples. Actual product may vary.