

Fraction Cookie Bakery



A hands-on learning experience to master fractions for Grades 2-4.

Dear Prospective Families and Students,

This 6-week live learning experience is designed to provide your student with an opportunity to work with a certified teacher while making friends all over the world to engage in meaningful mathematics. Students will meet twice a week to participate in a live class and then be given opportunities to continue the learning at home with provided resources and materials specific to standards and their textbook. Parents also will have the opportunity to ask their own questions about the course and content at both the beginning and end of the course.

There is currently one 3-week session offered with a 2 days a week schedule for live classes. If the class sizes exceed 12 students, there may be an opportunity to extend the class to another session.

Each family will be expected to take part in the course with the provided course contract. This must be signed and returned before beginning the course. Please take a moment to look through the information to see what all is included and be prepared to ask questions at the Parent Support Session held LIVE on Thursday, June 3 at 1:30-2:00 PM EST.

Thank you for considering! I look forward to working with you!

Your Teacher,
Jessica Kaminski

Jessica Kaminski, M. Ed.

Jessica has been a certified educator for over 15 years first as a classroom teacher for 7 years and a consultant for 8 years. She has a bachelor's degree in Elementary Education and a master's degree in Gifted Education.

She has worked with students K-8 all over the country teaching in private and public classrooms. As the author of the 2020 Math in Focus Third Grade Teacher's Edition and the co-author of the upcoming 2021 Primary Mathematics 2nd-5th Grade Teacher's Editions and author of the 2nd-5th Grade Homeschool Instructor's Guide, Jessica knows how lessons can be implemented in a concrete way that make math meaningful and fun.

Find out more at www.jessicakaminski.com



Fraction Cookie Bakery Course Weekly Syllabus

Meeting Date	Topic and Goals	Textbook Correlation	Resources Printable, Digital, Video
Parent Info Session	Parent Support Session <ul style="list-style-type: none"> • Expectations and Goals • How you can support your child at home • How can I support your child's learning? 		Printable Resources <ul style="list-style-type: none"> • Course Syllabus • Student Contract (needs to be returned and signed)
Week 1: Class 1	Understanding Fractions <ul style="list-style-type: none"> • Meaning of numerator and denominator • Skip counting by fractions to represent a whole. • Represent fractions using models and number lines. 	Primary Mathematics US Edition, Standards Grade 2 <ul style="list-style-type: none"> • Chapter 10 Primary Mathematics CC Edition Grade 2 <ul style="list-style-type: none"> • Chapter 9 Primary Mathematics US Edition, Standards Grade 3 <ul style="list-style-type: none"> • Chapter 10 Dimensions Grade 2 <ul style="list-style-type: none"> • Chapter 11 Dimensions Grade 3 <ul style="list-style-type: none"> • Chapter 9 MIF 2013/2105 Grade 2 <ul style="list-style-type: none"> • Chapter 12 MIF 2020 Grade 3 <ul style="list-style-type: none"> • Chapter 7 	Printable Resources: <ul style="list-style-type: none"> • Weekly Lesson Plan Resources • Fraction Cookie Bakery Performance Task <ul style="list-style-type: none"> • Task 1: Fraction Bakery Orders • Olympic Medal Match <ul style="list-style-type: none"> • Like Denominator Match
			Digital Resources: <ul style="list-style-type: none"> • Lesson Work Mat via Google Slides
			Video Resources: <ul style="list-style-type: none"> • What is a Fraction? Explore the concepts of fractions and what it means. • Fraction Bakery Performance Task: Learn how a performance task helps students to apply their skills and stretches beyond the textbook. Learn more about the Bakery Fraction Task and what's included. • Representing Fractions on a Number Line: How does a number line help represent fractions? Where are the parts? Where is the whole represented?
Week 1: Class 2	Equivalent Fractions to Compare Fractions <ul style="list-style-type: none"> • Use models and operations to find equivalent fractions. • Use benchmark fractions and equivalent fractions to compare fractions. 	Primary Mathematics US Edition, Standards Grade 3 <ul style="list-style-type: none"> • Chapter 10 Primary Mathematics CC Edition <ul style="list-style-type: none"> • Chapter 9 Primary Mathematics US Edition, Standards, CC Grade 4 <ul style="list-style-type: none"> • Chapter 3 Dimensions Grade 2 <ul style="list-style-type: none"> • Chapter 11 	Printable Teaching Resources: <ul style="list-style-type: none"> • Weekly Lesson Plan Resources • Fraction Cookie Bakery Performance Task <ul style="list-style-type: none"> • Task 2: Fraction Measure Mix Up • Olympic Medal Match <ul style="list-style-type: none"> • Olympic Level Fraction Match • Finding Equivalent Fraction Pictures • Benchmark Fraction Sort • Fraction War • Equivalent Fraction Performance Task

		<p>Dimensions Grade 3</p> <ul style="list-style-type: none"> • Chapter 9 • Chapter 10 <p>Dimensions Grade 4</p> <ul style="list-style-type: none"> • Chapter 6 <p>MIF 2013/2105 Grade 2</p> <ul style="list-style-type: none"> • Chapter 12 <p>MIF 2013/2105 Grade 3</p> <ul style="list-style-type: none"> • Chapter 14 <p>MIF 2020 Grade 3</p> <ul style="list-style-type: none"> • Chapter 7 <p>MIF 2020 Grade 4</p> <ul style="list-style-type: none"> • Chapter 3 	<p>Digital Teaching Resources:</p> <ul style="list-style-type: none"> • Lesson Work Mat via Google Slides <p>Video Resources:</p> <ul style="list-style-type: none"> • What is an Equivalent Fraction? Use this problem to help students understand the idea of equivalent fractions. • Comparing Fractions: Use number lines and paper strips to compare fractions. • Finding Equivalent Fractions: Use multiplication and division to find equivalent fractions. • Simplest Form: Using the understanding of equivalent fractions, learn how numbers can be placed in their simplest form.
Week 2: Class 3	<p>Adding and Subtracting Like and Unlike Fractions</p> <ul style="list-style-type: none"> • Understand adding and subtracting like fractions. • Use equivalent fractions to add and subtract unlike fractions. 	<p>Primary Mathematics Standards Edition Grade 3</p> <ul style="list-style-type: none"> • Chapter 10 <p>Primary Mathematics US Edition, Standards, CC Grade 4</p> <ul style="list-style-type: none"> • Chapter 3 <p>Dimensions Grade 3</p> <ul style="list-style-type: none"> • Chapter 10 <p>Dimensions Grade 4</p> <ul style="list-style-type: none"> • Chapter 7 <p>MIF 2013/2105 Grade 2</p> <ul style="list-style-type: none"> • Chapter 12 <p>MIF 2013/2105 Grade 4</p> <ul style="list-style-type: none"> • Chapter 6 <p>MIF 2020 Grade 4</p> <ul style="list-style-type: none"> • Chapter 3 	<p>Printable Resources:</p> <ul style="list-style-type: none"> • Weekly Lesson Plan Resources • Fraction Cookie Bakery Performance Task <ul style="list-style-type: none"> • Task 3: Fraction Ingredient Shopping List • Olympic Medal Match <ul style="list-style-type: none"> • Medal Match Unlike Denominators <p>Digital Resources:</p> <ul style="list-style-type: none"> • Lesson Work Mat via Google Slides <p>Video Resources:</p> <ul style="list-style-type: none"> • Adding Like Fractions: Settle an argument by discussing common errors when adding like fractions. • Adding Unlike Fractions: Learn how to use equivalent fractions to add fractions with unlike denominators. • What is an Improper Fraction: What makes these fractions so improper?
Week 2: Class 4	<p>Fractions Greater than 1 Whole</p> <ul style="list-style-type: none"> • Explore improper fractions and mixed numbers. • Use models to convert between improper 	<p>Primary Mathematics US Edition, Standards, CC Grade 4</p> <ul style="list-style-type: none"> • Chapter 3 <p>Dimensions Grade 4</p> <ul style="list-style-type: none"> • Chapter 6 • Chapter 7 <p>MIF 2013/2105 Grade 4</p>	<p>Printable Resources:</p> <ul style="list-style-type: none"> • Weekly Lesson Plan Ideas • Fraction Cookie Bakery Performance Task • Task #4: Doubling the Fraction Ingredient Shopping List • Olympic Medal Match • Olympic Style Improper Fraction and Mixed Number Match

	fractions and mixed numbers.	<ul style="list-style-type: none"> Chapter 6 MIF 2020 Grade 4 <ul style="list-style-type: none"> Chapter 3 	Digital Resources: <ul style="list-style-type: none"> Lesson Plan Mat via Google Slides Video Resources: <ul style="list-style-type: none"> What is a Mixed Number? Learn how these numbers help record fractions and show more than 1. How are Mixed Numbers and Improper Fractions Related? Learn how to use both improper fractions and mixed numbers and how they are related.
Week 3: Class 5	Multiply a Whole Number and a Fraction <ul style="list-style-type: none"> Understand the meaning of multiplication of a fraction and a whole number using models. Explore the meaning of using a unit fraction to multiply. See how finding the fraction of a set can be done using multiplication. 	Primary Mathematics Standards Edition Grade 2 <ul style="list-style-type: none"> Chapter 10 Primary Mathematics Standards Edition Grade 3 <ul style="list-style-type: none"> Chapter 10 Primary Mathematics CC Edition <ul style="list-style-type: none"> Chapter 9 Primary Mathematics US Edition Grade 4 <ul style="list-style-type: none"> Chapter 3 Dimensions Grade 4 <ul style="list-style-type: none"> Chapter 8 MIF 2013/2105 Grade 3 <ul style="list-style-type: none"> Chapter 14 MIF 2013/2105 Grade 4 <ul style="list-style-type: none"> Chapter 6 MIF 2020 Grade 3 <ul style="list-style-type: none"> Chapter 7 MIF 2020 Grade 4 <ul style="list-style-type: none"> Chapter 3 	Printable Resources: <ul style="list-style-type: none"> Weekly Lesson Plan Ideas Fraction of a Set Game Fraction Cookie Bakery Task <ul style="list-style-type: none"> Task #5: Fraction Cookie Bulk Order Digital Resources: <ul style="list-style-type: none"> Lesson Work Mat via Google Slides Video Resources: <ul style="list-style-type: none"> Multiplying a Fraction by a Whole Number: What strategies from multiplication work when multiplying a fraction by a whole number? Finding Fraction of a Set Using Models: Use counters to understand the concept of finding fraction of a set. Finding Fraction of a Set: Use understanding of multiplication and division to find the fraction of a set.
During Weeks 2-3	Optional Parent Coaching Sessions <ul style="list-style-type: none"> 15-minute Zoom to discuss student progress Next steps for each student 		
Week 3: Class 6	Putting It All Together <ul style="list-style-type: none"> Use the strategies developed in the course 	Primary Mathematics US Edition, Standards, CC Grade 4 <ul style="list-style-type: none"> Chapter 3 	Printable Resources: <ul style="list-style-type: none"> The Problem Solving Handbook Sample: Fractions Course Objective Checklist

	<p>to solve word problems involving fractions.</p> <ul style="list-style-type: none"> • Use bar models to determine which operation to use when solving word problems. 	<p>Dimensions Grade 4</p> <ul style="list-style-type: none"> • Chapter 8 <p>MIF 2013/2105 Grade 4</p> <ul style="list-style-type: none"> • Chapter 6 <p>MIF 2020 Grade 4</p> <ul style="list-style-type: none"> • Chapter 3 	<p>Digital Resources</p> <ul style="list-style-type: none"> • Lesson materials via Google Slides/Jamboard <hr/> <p>Video Resources:</p> <ul style="list-style-type: none"> • Word Problems: Bar Models: Multiply a Fraction by a Whole Number: Use this real-world problem to multiply a whole number and a fraction in two ways.
--	---	---	---

Developing Multiplication and Division Course Q & A

»» What are the goals of the course?

This course will develop basic fraction concepts including equivalent fractions, addition and subtraction of both like and unlike fractions, and multiplication of a whole number and a fraction. Students will use various models to develop understanding using algorithms to solve word problems. This class will work around the Fraction Cookie Bakery Performance Task. Students will be encouraged to complete each step and participate. This course is a beta course. This means that content will be developed each week and added to the course. This also means the course is offered at a discounted rate.

»» What grade levels are best suited for the course?

This course is best designed for students who have had some experience with fractions and are ready to model them. Most students will be in Grades 2-4. However, some 5th grade students who need review may benefit from the course.

»» How many students are going to be part of the course?

The course will be held weekly via a Zoom call using video and audio. To keep the course engaging and provide scaffolded instruction, there will be a limit of 12 students to each course. In the event that there are more than 12 children who sign up, another session will be considered.

»» How will the course be conducted?

The course will be held twice weekly using a Zoom room with video and audio. Students will interact during the class using Google slides and other digital technology. Materials for the course will be placed in Canvas Learning Management System where resources can be downloaded and students can interact via message boards. Zoom sessions will be recorded (with parent consent) and placed in the Module for review.

»» What will be expected of my student?

Each student will be expected to attend each week at the specific time and be a good classmate. Students should be an active participant in the class while maintaining a respectful attitude towards others. Students will be asked to answer questions and show his or her thinking during the class while using audio, video and the provided technology tools.

»» What will be expected of the parents?

Parents will be expected to attend the first meet and greet session to discuss the course held on Thursday, June 3, 2021 to discuss expectations and requirements. Parents will be asked to be available to your student during each weekly session to help your student with any issues especially during the first session. Parents are encouraged to use the provided weekly materials to continue the content throughout the week so that your student can work towards proficiency for the following lessons.

»»» What learning materials will be provided?

Each week, lesson plans that are tied directly to the session will be provided with printable and digital resources. These lesson plans will address specific textbook's lessons and ways to practice. Video lessons from Jessica's learning library will also be shared as a way for students to continue the learning throughout the week. Students are encouraged to practice and share their learning via the message boards that will be created during the course. Materials and course information will be available for lifetime access. More information can be found by referencing the weekly syllabus and will be added as the course is in session. All participants receive

library access throughout the course. Members receive a discount to their course fee provided with the code via email.

»» What materials will we need for the course?

Counters, dry erase markers, page protectors and a whiteboard will be used for the live classes. Students should have access to print out the given materials prior to attending the live class. An option to receive the main products of the course are available if needed. The two large tasks are about 60 pages total. Since this is a beta course, there will be more materials that are developed as the course continues that may need to be printed.

»» How much is the course?

This course is \$199. This fee includes 1 parent introduction session, six 45-minute live student sessions, and one optional 15-minute private parent summary session. This also includes all the printable materials and videos in the video library found at www.singaporemathsimplified.com during the length of the course and lifetime access to the course videos and materials.

»» Is the course refundable if we decide it is not a good fit?

This course will be refundable after the first lesson only (by June 9, 2021). To cancel the course and materials, the parent must email Jessica at info@jessicakaminski.com to receive a full refund.

»» How do I sign up?

Sign up by purchasing the course at www.singaporemathsimplified.com/shop. Once you have signed up, you will receive a confirmation email within 24 hours with your Zoom link for the Parent Support Session and a link for a Google form to tell more about your student. Materials for the first session will be sent by the Sunday before your first session including a link to join the course from Canvas Learning Management System.