

# Problem Solving with Bar Models

**A LIVE CO-OP COURSE TO SOLVE WORD PROBLEMS FOR GRADES 2-5**

**JESSICA KAMINSKI, M.ED.**



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 once 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.

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 Tuesday, March 2 at 12:15-1:00 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](http://www.jessicakaminski.com)



# Problem Solving with Bar Models Course Weekly Syllabus

\*Due to the beta nature of this course, the resources provided will be added each week as content is created.

Meeting Date	Topic and Goals	Textbook Correlation	Resources Printable, Digital, Video
Parent Info Session	<b>Parent Support Session</b> <ul style="list-style-type: none"> <li>• Expectations and Goals</li> <li>• How you can support your child at home</li> <li>• How can I support your child's learning?</li> </ul>		<b>Printable Resources</b> <ul style="list-style-type: none"> <li>• Course Syllabus</li> <li>• Student Contract (needs to be returned and signed)</li> </ul>
Week 1	<b>The Action of Addition and Subtraction</b> <ul style="list-style-type: none"> <li>• Understand the meaning of addition and subtraction scenarios</li> <li>• Make a connection to the part-part-whole relationship of addition and subtraction</li> <li>• Learn bar modeling basics and how and why they are used</li> </ul>	<b>Primary Mathematics US 2A</b> <ul style="list-style-type: none"> <li>• Unit 2</li> </ul> <b>Primary Mathematics US 3A</b> <ul style="list-style-type: none"> <li>• Unit 2 Lesson 1</li> </ul> <b>Primary Mathematics Standards 2A</b> <ul style="list-style-type: none"> <li>• Unit 2</li> </ul> <b>Primary Mathematics Standards 3A</b> <ul style="list-style-type: none"> <li>• Unit 2</li> </ul> <b>Primary Mathematics Common Core 2A</b> <ul style="list-style-type: none"> <li>• Unit 2</li> </ul> <b>Primary Mathematics Common Core 3A</b> <ul style="list-style-type: none"> <li>• Unit 2</li> </ul> <b>Dimensions 2A</b> <ul style="list-style-type: none"> <li>• Chapter 2 Lesson 3</li> <li>• Chapter 3</li> </ul> <b>Dimensions 3A</b> <ul style="list-style-type: none"> <li>• Chapter 2 Lesson 9</li> </ul> <b>Math in Focus 2013/2015 2A</b> <ul style="list-style-type: none"> <li>• Chapter 4</li> </ul>	<b>Printable Resources:</b> <ul style="list-style-type: none"> <li>• The Problem Solving Handbook: Solving Addition and Subtraction Word Problems Using Bar Models</li> <li>• Weekly Lesson Plan ideas</li> <li>• Bar Model Posters</li> </ul> <b>Digital Resources:</b> <ul style="list-style-type: none"> <li>• Lesson Work Mat via Google Slides</li> <li>• Bar Model Matching Activity</li> </ul> <b>Video Resources:</b> <ul style="list-style-type: none"> <li>• <b>Bar Models:</b> What are bar models and how can they help students solve word problems?</li> <li>• <b>Bar Models: Part-Whole Understanding:</b> Learn how the part-whole model is created and used for bar models. Relate it to addition and subtraction word problems and see why it's so helpful for determining the operation.</li> <li>• <b>Add To: Result Unknown Bar Models Parts 1-3:</b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models based on the action of addition. Part of The Problem Solving Handbook series.</li> <li>• <b>Take From: Result Unknown Bar Models Parts 1-3:</b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models based on the action of subtraction. Part of The Problem Solving Handbook series.</li> </ul>
Week 2	<b>Part-Part-Whole and Beyond</b> <ul style="list-style-type: none"> <li>• Solve change unknown, start unknown, put together, and take apart</li> </ul>	<b>Primary Mathematics US 2A</b> <ul style="list-style-type: none"> <li>• Unit 2</li> </ul> <b>Primary Mathematics US 3A</b> <ul style="list-style-type: none"> <li>• Unit 2 Lesson 1</li> </ul> <b>Primary Mathematics Standards 2A</b>	<b>Printable Teaching Resources:</b> <ul style="list-style-type: none"> <li>• The Problem Solving Handbook: Solving Addition and Subtraction Word Problems Using Bar Models</li> <li>• Weekly Lesson Plan ideas</li> <li>• Number Bond Flash Cards</li> </ul>

	<p>addition and subtraction situations</p> <ul style="list-style-type: none"> <li>• Understand the relationship to the inverse operations of addition and subtraction using number bonds</li> </ul>	<ul style="list-style-type: none"> <li>• Unit 2 <b>Primary Mathematics Standards 3A</b></li> <li>• Unit 2 <b>Primary Mathematics Common Core 2A</b></li> <li>• Unit 2 <b>Primary Mathematics Common Core 3A</b></li> <li>• Unit 2 <b>Primary Mathematics Common Core 4A</b></li> <li>• Unit 2 <b>Dimensions 2A</b></li> <li>• Chapter 2 Lesson 3</li> <li>• Chapter 3 <b>Dimensions 3A</b></li> <li>• Chapter 2 Lesson 9 <b>Math in Focus 2013/2015 2A</b></li> <li>• Chapter 4</li> </ul>	<ul style="list-style-type: none"> <li>• Number Bond Work Mat</li> </ul> <p><b>Digital Teaching Resources:</b></p> <ul style="list-style-type: none"> <li>• Lesson Work Mat via Google Slides</li> </ul> <p><b>Video Resources:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Number Bonds</a>: Describes a number bond and the way it can be used to help students understand operations.</li> <li>• <b><u>Add To: Change Unknown Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models based on the action of addition with an unknown addend. Part of The Problem Solving Handbook series.</li> <li>• <b><u>Add To: Start Unknown Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models based on the action of addition with an unknown addend. Part of The Problem Solving Handbook series.</li> <li>• <b><u>Take From: Change Unknown Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models based on the action of subtraction with an unknown part. Part of The Problem Solving Handbook series.</li> <li>• <b><u>Take From: Start Unknown Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models based on the action of subtraction with an unknown whole. Part of The Problem Solving Handbook series.</li> <li>• <b><u>Put Together/Take Apart: Result Unknown Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models based on the action of putting together and taking apart. Part of The Problem Solving Handbook series.</li> <li>• <b><u>Put Together/Take Apart: Change Unknown Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models based on the action of putting together and taking apart with an unknown part. Part of The Problem Solving Handbook series.</li> <li>• <b><u>Put Together/Take Apart: Start Unknown Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a</li> </ul>
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			pictorial model and a challenge problem for drawing models based on the action of putting together and taking apart with an unknown whole. Part of The Problem Solving Handbook series.
Week 3	<p><b>Additive Comparison</b></p> <ul style="list-style-type: none"> <li>• Understand the meaning of more, less, and fewer when comparing quantities</li> <li>• Understand when to add or subtract based on models and not key words</li> <li>• Relate models to show that numbers are composed of other numbers</li> </ul>	<p><b>Primary Mathematics US 2A</b></p> <ul style="list-style-type: none"> <li>• Unit 2</li> </ul> <p><b>Primary Mathematics US 2B</b></p> <ul style="list-style-type: none"> <li>• Unit 3</li> </ul> <p><b>Primary Mathematics US 3A</b></p> <ul style="list-style-type: none"> <li>• Unit 2 Lessons 1, 4</li> <li>• Unit 5</li> </ul> <p><b>Primary Mathematics Standards 2A</b></p> <ul style="list-style-type: none"> <li>• Unit 2</li> </ul> <p><b>Primary Mathematics Standards 3A</b></p> <ul style="list-style-type: none"> <li>• Unit 2</li> </ul> <p><b>Primary Mathematics Common Core 2A</b></p> <ul style="list-style-type: none"> <li>• Unit 2</li> </ul> <p><b>Primary Mathematics Common Core 3A</b></p> <ul style="list-style-type: none"> <li>• Unit 2</li> </ul> <p><b>Primary Mathematics Common Core 4A</b></p> <ul style="list-style-type: none"> <li>• Unit 2</li> </ul> <p><b>Dimensions 2A</b></p> <ul style="list-style-type: none"> <li>• Chapter 2 Lesson 4</li> <li>• Chapter 3</li> </ul> <p><b>Dimensions 3A</b></p> <ul style="list-style-type: none"> <li>• Chapter 2 Lessons 10-11</li> <li>• Chapter 3 Lesson 6</li> </ul> <p><b>Dimensions 3B</b></p> <ul style="list-style-type: none"> <li>• Chapter 15 Lesson 5</li> </ul> <p><b>Dimensions 4A</b></p> <ul style="list-style-type: none"> <li>• Chapter 2 Lesson 5</li> </ul> <p><b>Math in Focus 2013/2015 2A</b></p> <ul style="list-style-type: none"> <li>• Chapter 4</li> </ul> <p><b>Math in Focus 2013/2015 3A</b></p> <ul style="list-style-type: none"> <li>• Chapter 5</li> </ul>	<p><b>Printable Resources:</b></p> <ul style="list-style-type: none"> <li>• The Problem Solving Handbook: Solving Addition and Subtraction Word Problems Using Bar Models</li> <li>• Weekly Lesson Plan ideas</li> <li>• Reading Comprehension Tools</li> <li>• Problem Solving Work Mat</li> <li>• Shopping Trip Performance Task 1</li> </ul> <p><b>Digital Resources:</b></p> <ul style="list-style-type: none"> <li>• Lesson Work Mat via Google Slides</li> </ul> <p><b>Video Resources:</b></p> <ul style="list-style-type: none"> <li>• <b><u>Bar Models: Comparison Models Understanding:</u></b> Learn how additive comparison is used to compare quantities with bar models that help students understand whether to add or subtract.</li> <li>• <b><u>Using More: Difference Unknown Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models using more to find the difference between two quantities. Part of The Problem Solving Handbook series.</li> <li>• <b><u>Using Fewer/Less: Difference Unknown Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models using fewer or less to find the difference between two quantities. Part of The Problem Solving Handbook series.</li> <li>• <b><u>Using More: Bigger Unknown Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models using more to find the value of the bigger quantity using comparison. Part of The Problem Solving Handbook series.</li> <li>• <b><u>Using Fewer/Less: Bigger Unknown Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models using more to find the value of the bigger quantity using comparison. Part of The Problem Solving Handbook series.</li> <li>• <b><u>Using More: Bigger Unknown Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model</li> </ul>

			<p>and a challenge problem for drawing models using more to find the value of the smaller quantity using comparison. Part of The Problem Solving Handbook series.</p> <ul style="list-style-type: none"> <li>• <b><u>Using Fewer/Less: Bigger Unknown Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models using more to find the value of the smaller quantity using comparison. Part of The Problem Solving Handbook series.</li> </ul>
Week 4	<p><b>The Meaning of Equal Groups</b></p> <ul style="list-style-type: none"> <li>• Model multiplication and two forms of division word problems using models</li> <li>• Relate inverse operations using fact families</li> </ul>	<p><b>Primary Mathematics US 2A</b></p> <ul style="list-style-type: none"> <li>• Unit 5</li> <li>• Unit 6</li> </ul> <p><b>Primary Mathematics US 2B</b></p> <ul style="list-style-type: none"> <li>• Unit 2</li> </ul> <p><b>Primary Mathematics US 3A</b></p> <ul style="list-style-type: none"> <li>• Unit 3 Lesson 1</li> <li>• Unit 4</li> </ul> <p><b>Primary Mathematics Standards 2A</b></p> <ul style="list-style-type: none"> <li>• Unit 6</li> </ul> <p><b>Primary Mathematics Standards 2B</b></p> <ul style="list-style-type: none"> <li>• Unit 8</li> </ul> <p><b>Primary Mathematics Standards 3A</b></p> <ul style="list-style-type: none"> <li>• Unit 3</li> <li>• Unit 4</li> </ul> <p><b>Primary Mathematics Common Core 2A</b></p> <ul style="list-style-type: none"> <li>• Unit 4</li> <li>• Unit 5</li> </ul> <p><b>Primary Mathematics Common Core 2B</b></p> <ul style="list-style-type: none"> <li>• Unit 7</li> </ul> <p><b>Primary Mathematics Common Core 3A</b></p> <ul style="list-style-type: none"> <li>• Unit 3</li> <li>• Unit 4</li> </ul> <p><b>Dimensions 2A</b></p> <ul style="list-style-type: none"> <li>• Chapter 7</li> </ul> <p><b>Dimensions 2B</b></p> <ul style="list-style-type: none"> <li>• Chapter 9</li> </ul> <p><b>Dimensions 3A</b></p>	<p><b>Printable Resources:</b></p> <ul style="list-style-type: none"> <li>• The Problem Solving Handbook: Solving Multiplication and Division Word Problems Using Bar Models</li> <li>• Lesson Plan Resources</li> <li>• Multiplication and Division Number Bond Flash Cards</li> <li>• Bar Model Posters</li> </ul> <p><b>Digital Resources:</b></p> <ul style="list-style-type: none"> <li>• Lesson Plan Mat via Google Slides</li> </ul> <p><b>Video Resources:</b></p> <ul style="list-style-type: none"> <li>• <b><u>Word Problems: The Meaning of an Equal Groups Bar Model:</u></b> Learn how multiplication and Division can be represented using a bar model.</li> <li>• <b><u>Equal Groups: Unknown Product: Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models using more to find the unknown product using equal groups. Part of The Problem Solving Handbook series.</li> <li>• <b><u>Arrays: Unknown Product: Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models using more to find the unknown product using arrays. Part of The Problem Solving Handbook series.</li> <li>• <b><u>Equal Groups: Group Size Unknown: Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models using more to find the number in each group. Part of The Problem Solving Handbook series.</li> <li>• <b><u>Arrays: Group Size Unknown: Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models using more to</li> </ul>

		<ul style="list-style-type: none"> <li>• Chapter 4 Lesson 7</li> </ul> <p><b>Math in Focus 2013/2015 2A</b></p> <ul style="list-style-type: none"> <li>• Chapter 5</li> </ul> <p><b>Math in Focus 2013/2015 2B</b></p> <ul style="list-style-type: none"> <li>• Chapter 16</li> </ul> <p><b>Math in Focus 2013/2015 3A</b></p> <ul style="list-style-type: none"> <li>• Chapter 9</li> </ul>	<p>find the number in each group. Part of The Problem Solving Handbook series.</p> <ul style="list-style-type: none"> <li>• <b><u>Equal Groups: Number of Groups Unknown: Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models using more to find the number of groups. Part of The Problem Solving Handbook series.</li> <li>• <b><u>Arrays: Number of Groups Unknown: Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models using more to find the number of groups. Part of The Problem Solving Handbook series.</li> </ul>
Week 5	<p><b>Multiplicative Comparison and Multi-Step Problems</b></p> <ul style="list-style-type: none"> <li>• Understand the meaning of ___ times as many used to compare</li> <li>• Solve multi-step problems using all four operations</li> </ul>	<p><b>Primary Mathematics US 3A</b></p> <ul style="list-style-type: none"> <li>• Unit 3 Lesson 2</li> <li>• Unit 4</li> </ul> <p><b>Primary Mathematics US 4A</b></p> <ul style="list-style-type: none"> <li>• Unit 2</li> </ul> <p><b>Primary Mathematics US 4B</b></p> <ul style="list-style-type: none"> <li>• Unit 2</li> </ul> <p><b>Primary Mathematics US 5A</b></p> <ul style="list-style-type: none"> <li>• Unit 1</li> <li>• Unit 2</li> </ul> <p><b>Primary Mathematics Standards 3A</b></p> <ul style="list-style-type: none"> <li>• Unit 3</li> <li>• Unit 4</li> </ul> <p><b>Primary Mathematics Standards 4A</b></p> <ul style="list-style-type: none"> <li>• Unit 2</li> </ul> <p><b>Primary Mathematics Standards 4B</b></p> <ul style="list-style-type: none"> <li>• Unit 7</li> </ul> <p><b>Primary Mathematics Standards 5A</b></p> <ul style="list-style-type: none"> <li>• Unit 1</li> <li>• Unit 2</li> </ul> <p><b>Primary Mathematics Common Core 3A</b></p> <ul style="list-style-type: none"> <li>• Unit 3</li> <li>• Unit 4</li> </ul> <p><b>Primary Mathematics Common Core 4A</b></p> <ul style="list-style-type: none"> <li>• Unit 2</li> </ul>	<p><b>Printable Resources:</b></p> <ul style="list-style-type: none"> <li>• Bar Model Posters</li> <li>• The Problem Solving Handbook: Multiplication and Division</li> <li>• Problem Solving Work Mat</li> <li>• Printable Word Problem Match</li> <li>• Shopping Trip Performance Task</li> <li>• Weekly Lesson Plan Ideas</li> </ul> <p><b>Digital Resources:</b></p> <ul style="list-style-type: none"> <li>• Lesson Work Mat via Google Slides</li> <li>• Shopping Trip Performance Task Digital Resources</li> <li>• Bar Model Matching Activity</li> </ul> <p><b>Video Resources:</b></p> <ul style="list-style-type: none"> <li>• <b><u>Comparison: Unknown Product: Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models finding an unknown product using comparison. Part of The Problem Solving Handbook series.</li> <li>• <b><u>Comparison: Unknown Group Size: Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models finding the number in each group. Part of The Problem Solving Handbook series.</li> <li>• <b><u>Comparison: Unknown Number of Groups: Bar Models Parts 1-3:</u></b> These 3 videos look at a concrete model, a pictorial model and a challenge problem for drawing models finding the number of groups. Part of The Problem Solving Handbook series.</li> </ul>

		<p><b>Primary Mathematics Common Core 5A</b></p> <ul style="list-style-type: none"> <li>• Unit 1</li> <li>• Unit 2</li> </ul> <p><b>Dimensions 3A</b></p> <ul style="list-style-type: none"> <li>• Chapter 4 Lessons 8-9</li> <li>• Chapter 5 (word problems throughout lessons)</li> <li>• Chapter 6 (word problems throughout lessons)</li> </ul> <p><b>Dimensions 3B</b></p> <ul style="list-style-type: none"> <li>• Chapter 8 (word problems throughout lessons)</li> </ul> <p><b>Dimensions 4A</b></p> <ul style="list-style-type: none"> <li>• Chapter 4 (word problems throughout lessons)</li> <li>• Chapter 5 Lessons 5-6</li> </ul> <p><b>Dimensions 5A</b></p> <ul style="list-style-type: none"> <li>• Chapter 2 Lessons 5-6</li> </ul> <p><b>Math in Focus 2013/2015 3A</b></p> <ul style="list-style-type: none"> <li>• Chapter 9</li> <li>• Chapter 12</li> </ul> <p><b>Math in Focus 2013/2015 4A</b></p> <ul style="list-style-type: none"> <li>• Chapter 3</li> </ul> <p><b>Math in Focus 2013/2015 5A</b></p> <ul style="list-style-type: none"> <li>• Chapter 2</li> </ul>	
During Weeks 4-6	<p><b>Optional Parent Coaching Sessions</b></p> <ul style="list-style-type: none"> <li>• 15-minute Zoom to discuss student progress</li> <li>• Next steps for each student</li> </ul>		
Week 6	<b>Putting It All Together</b>		<p><b>Printable Resources:</b></p> <ul style="list-style-type: none"> <li>• Shopping Trip Performance Task</li> <li>• Course Objective Checklist</li> </ul>



	<ul style="list-style-type: none"><li>• Solve real-world problems involving all four operations</li></ul>		<b>Digital Resources</b> <ul style="list-style-type: none"><li>• Review Game Template</li><li>• Shopping Trip Task Resources</li></ul>
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# Developing Multiplication and Division Course Q & A

## »» What are the goals of the course?

This course will help students understand the meaning of all 15 addition and subtraction word problem scenarios and all 9 multiplication and division scenarios when solving word problems. Students will learn comprehension strategies to make sense of word problems in the class while practicing using their own copies of The Problem Solving Handbook for Addition and Subtraction and The Problem Solving Handbook for Multiplication and Division with extra video lessons. Students will learn how bar models can help make sense of the problem and show the operation by solving multi-step problems involving all four operations. The course will end with a culminating activity where students are able to try out the different strategies to learn how to solve real-world problems.

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

This course is best designed for students in Grades 2-5 who have already learned to work with basic operations. These word problems will require students to add and subtract with and without renaming up to 4-digit numbers and do basic multiplication and division. Students do not need to have a bar modeling background and will learn more about the skill throughout 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. There will be a waiting list provided. In the event that there are more than 20 students who sign up, the possibility of other courses will be considered due to available time/instructors.

## »» How will the course be conducted?

The course will be held 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 March 4, 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.

## »» What materials will we need for the course?

Connecting cubes, construction paper, 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.

## »» How much is the course?

This course is \$225. 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.jessicakaminski.com](http://www.jessicakaminski.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 March 10, 2021). To cancel the course and materials, the parent must email Jessica at [info@jessicakaminski.com](mailto:info@jessicakaminski.com) to receive a full refund. Students who are on the waiting list will be allowed to take the spot with a make-up session and may choose to cancel by 3/12/2021 for a full refund. After 3/12/2021, no refunds will be available.

## »» How do I sign up?

Sign up by purchasing the course at [www.jessicakaminski.com/shop](http://www.jessicakaminski.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 Sunday, March 7, 2021 including a link to join the course from Canvas Learning Management System.