



P352X Grade 3 SA

Envision 2020

2025-26

Marking Period 3: January 12 – March 6 (7 weeks)

Grade 3 - Topics 7-9

	Materials	Evidence of Student Learning Student Work/ Portfolio	Assessments
Build Mathematical Literacy	<ul style="list-style-type: none"> • Math Word Wall • Vocabulary Word Chart • Anchor Charts • Math Manipulatives • Online Math Games 	<ul style="list-style-type: none"> • Math Practices & Problem-Solving Handbook • Problem-Solving Leveled Reading Mats • Teacher Observation • Interactive Math Story 	<ul style="list-style-type: none"> • Topic Assessments <ul style="list-style-type: none"> • Topic 7: 1/22/26 • Topic 8: 2/10/26 • Topic 9: 3/6/26 • Culminating Tasks (see "Pick a Project") at the end of each topic • Daily homework assignments • Math Practice Proficiency Rubric
Differentiation	<ul style="list-style-type: none"> • Envision 2020 Tier 2 Interventions 	<ul style="list-style-type: none"> • Ongoing, Strategic and Intensive Intervention 	<ul style="list-style-type: none"> • Student Quick Check • Math Diagnosis and intervention System
Topic Centers	<ul style="list-style-type: none"> • Sand Center • Writing Center • Science Center • Movement Center • Dramatic Play Center • Math Center 	<ul style="list-style-type: none"> • Samples produced in the centers • Photos of students participating in topic center activities 	<ul style="list-style-type: none"> • Math Practice Proficiency Rubric • Questioning • Self/Peer Assessment

Grade 3 Envision Topic 7: Represent and Interpret Data
January 12 - January 22, 2026

Essential Question: How can data be represented, analyzed, and interpreted?

Lesson	Mathematics Objective	Essential Understanding	Vocabulary	Materials	Technology and Activity Centers
7-1 Read Picture Graphs and Bar Graphs	Use graphs to compare and interpret data.	Certain types of graphs are appropriate for certain kinds of data. Picture graphs and bar graphs make it easy to compare data.	<ul style="list-style-type: none"> Data Scaled picture graph Scale Scaled bar graph Key 	None	<ul style="list-style-type: none"> Math Tools enVision STEM Activity
7-2 Make Picture Graphs	Use frequency tables and picture graphs to compare and interpret data.	The type of graph used is based on the data being presented. The key for a picture graph determines the number of pictures needed to represent the data.	<ul style="list-style-type: none"> Frequency table Survey 	None	<ul style="list-style-type: none"> Math Tools Pick a Project
7-3 Make Bar Graphs	Use scaled bar graphs to represent data sets	The type of graph used is based on the data being presented in a scaled bar graph, the scale determines how long each bar needs to be to represent every number in the data set.	None	<ul style="list-style-type: none"> Two-color tiles (or TT8) 1-inch grid paper (TT 14) 	<ul style="list-style-type: none"> Math Tools Problem- Solving Reading Activity
7-4 Solve Word Problems Using Information in Graphs	Use graphs to solve problems.	Some problems can be solved by making reading and analysing a graph.	None	<ul style="list-style-type: none"> Centimeter grid paper (or TT 13) 	<ul style="list-style-type: none"> Math Tools enVision STEM Activity
7-5 PROBLEM SOLVING: Precision	Use words, symbols and numbers to accurately and precisely solve math problems.	Good math thinkers are careful about what they write and say, so their ideas about math are clear.	None	None	<ul style="list-style-type: none"> Math Games Problem- Solving Reading Activity

Topic 7 Assessment: 1/22/26	
Culminating Task: "Pick a Project" (Choose ONE Project)	
Project 7A: How is a book printed?	Project: Collect data a create picture graphs
Project 7B: Would you like to live in the city?	Project: Make a bar graph about cities and towns
Project 7C: What is your favorite animal?	Project: Develop a picture graph about animals

Grade 3 Envision Topic 8: Use Strategies and Properties to Add and Subtract
January 23 - February 10, 2026

Essential Question: How can sums and differences be estimated and found mentally?

Lesson	Mathematics Objective	Essential Understanding	Vocabulary	Materials	Technology and Activity Centers
8-1 Addition Properties	Solve real-world problems using properties of addition.	Some real-world problems that involve joining, separating, part-whole, or comparing can be solved using addition. Two or more numbers can be added in any order, and the sum of any number and 0 is that number.	<ul style="list-style-type: none"> • Associative (grouping) Property of Addition • Commutative (Order) Property of Addition • Identity (Zero) Property of Addition 	<ul style="list-style-type: none"> • Place-value blocks (or TT 3) • Two-color counters (or TT 9) • Drawing paper 	<ul style="list-style-type: none"> • Math Tools • Pick a Project
8-2 Algebra: Addition Patterns	Identify patterns in the addition table and explain them using algebraic thinking.	Generalizations about how addition works emerge from investigating patterns and reasoning about mathematical relationships.	None	<ul style="list-style-type: none"> • Colored pencils 	<ul style="list-style-type: none"> • Math Tools • Problem-Solving Reading Activity
8-3 Mental Math: Addition	Use mental math to add.	There is more than one way to do mental math. Techniques involve changing the numbers or the expressions so that calculations are easy to do mentally.	<ul style="list-style-type: none"> • Open number line 	<ul style="list-style-type: none"> • Place-value blocks (or TT 3) 	<ul style="list-style-type: none"> • Math Games • Pick a Project
8-4 Mental Math Subtraction	Use mental math to subtract.	There is more than one way to do mental math. Techniques involve changing the numbers or the expressions so that calculations are easy to do mentally.	<ul style="list-style-type: none"> • Inverse operations 	<ul style="list-style-type: none"> • Place-value blocks (or TT 3) 	<ul style="list-style-type: none"> • Math Tools • Problem-Solving Reading Activity
8-5 Round Whole Numbers	Use place value and a number line to round numbers.	Rounding is a process for finding multiples of 10 and 100 that are closest to a given number.	<ul style="list-style-type: none"> • None 	None	<ul style="list-style-type: none"> • Math Tools • enVision STEM Activity
8-6 Estimate Sums	Use rounding or compatible numbers to estimate a sum.	There is more than one way to estimate a sum. Two ways to estimate	<ul style="list-style-type: none"> • Compatible numbers 	None	<ul style="list-style-type: none"> • Math Games • Pick a Project

		are rounding and using compatible numbers.			
8-7 Estimate Differences	Use rounding or compatible numbers to estimate a difference.	There is more than one way to estimate a sum. Two ways to estimate are rounding and using compatible numbers.	None	<ul style="list-style-type: none"> Number tiles (or TT 22) 	<ul style="list-style-type: none"> Math Games Pick a Project
8-8 PROBLEM SOLVING: Model with Math	Solve one-step and multi-step problems by modeling with math.	Good math thinkers choose and apply math they know to show and solve problems from everyday life.	None	None	<ul style="list-style-type: none"> Math Games enVision STEM Activity
Topic 8 Assessment: 2/10/26					
Culminating Task: "Pick a Project" (Choose ONE Project)					
Project 8A: How much citrus is grown in Florida?			Project: Plan a citrus grove		
Project 8B: Would you like to travel across the country?			Project: Create and perform a skit		
Project 8C: How can you add and subtract large numbers without a calculator?			Project: Make a mental math game		
Project 8D: How many people live in our country?			Project: Design a class census and give an estimation test		

Grade 3 Envision Topic 9: Fluently Add and Subtract Within 1,000

February 11 - March 6, 2026

Essential Question: What are procedures for adding and subtracting whole numbers?

Lesson	Mathematics Objective	Essential Understanding	Vocabulary	Materials	Technology and Activity Centers
9-1 Use Partial Sums to Add	Add two 3-digit numbers by breaking apart problems into simpler problems.	The expanded algorithm for adding 3-digit numbers breaks the addition problem into a series of easier problems based on place value. Answers to the simpler problems are then used to find the final sum.	None	<ul style="list-style-type: none"> Place-value blocks (or Tt 3) Place-Value charts (TT 5) 	<ul style="list-style-type: none"> Math Games enVision STEM Activity
9-2 Use regrouping to Add	Use regrouping to add 3-digit numbers.	The process for regrouping and adding 3-digit numbers is an extension of the process for regrouping and adding 2-digit numbers.	<ul style="list-style-type: none"> Regroup 	<ul style="list-style-type: none"> Place-value blocks (or TT 3) 	<ul style="list-style-type: none"> Math Games Pick a Project
9-3 Add 3 or More Numbers	Add three or more numbers using addition strategies	The addition of three or more numbers is an extension of adding two numbers.	None	<ul style="list-style-type: none"> Place-value blocks (or TT 3) 	<ul style="list-style-type: none"> Math Games Pick a Project
9-4 Use Partial Differences to Subtract	Subtract multi-digit numbers using the expanded algorithm.	The expanded algorithm for subtracting multi-digit numbers break a larger subtraction problem into a series of easier problems based on place value. Answers to the simpler problems are then used to find the final difference.	None	<ul style="list-style-type: none"> Place-value blocks (or TT 3) 	<ul style="list-style-type: none"> Math Tools Problem-Solving Reading Activity
9-5 Use regrouping to Subtract	Use regrouping to subtract 3-digit numbers.	The process for regrouping and subtracting 3-digit numbers is an extension of the process for regrouping and subtracting 2-digit numbers.	None	<ul style="list-style-type: none"> Place-value blocks (or TT 3) 	<ul style="list-style-type: none"> Math Tools enVision STEM Activity

9-6 Use Strategies to Add and Subtract	Use strategies to add 3-digit numbers and subtract a 3-digit number from another number with one or more zeros.	There are a variety of strategies that can be used to add or subtract 3-digit numbers.	None	<ul style="list-style-type: none"> Place-value blocks (or TT 3) 	<ul style="list-style-type: none"> Math Tools Pick a Project
9-7 PROBLEM SOLVING: Construct Arguments	Use addition and subtraction to justify a conjecture.	Good math thinkers use math to explain why they are right. They can also talk about the math that others do.	<ul style="list-style-type: none"> Conjecture 	<ul style="list-style-type: none"> Place-value blocks (or TT 3) 	<ul style="list-style-type: none"> Math Games Problem-Solving Reading Activity

Topic 9 Assessment: 3/6/26

Culminating Task: "Pick a Project" (Choose ONE Project)

Project 9A: How do you know which is the tallest building?	Project: Research the heights of tall buildings
Project 9B: How can you record what you bought over time?	Project: Create an addition skit
Project 9C: How long before the space shuttle launches?	Project: Write a report about your vacation

Blank Weekly Plan –

Teachers will identify lessons that will be taught and the specific components of each lesson that will be presented to students each day. **All skill areas** must be addressed: Lessons, Vocabulary, Technology and Activity Centers *Duplicate this page as needed.

Date :

	Monday	Tuesday	Wednesday	Thursday	Friday
Envision Lesson Number					
Math Objective Addressed					
Assessment					
Materials Needed					
Differentiation					

Behaviors

Listen and look for the following behaviors to monitor students' ongoing development of proficiency with looking for and making use of structure.

- Analyze and describe patterns in numbers.
- Analyze and describe common attributes and patterns in shapes and solids.
- Analyze expressions, equations, procedures, and objects to represent, describe, and work with them in different ways.

Use the list of behaviors above and the following rubric to evaluate a student's overall proficiency with this practice.

Daily Math Practice Proficiency Rubric	
4 Exemplary	The student exhibits all of the behaviors.
3 Proficient	The student exhibits most of the behaviors.
2 Emerging	The student exhibits about half of the behaviors.
1 Needs Improvement	The student exhibits less than half of the behaviors.

**P352X Math Scoring Rubric
(Grade 3)**

Criteria	Developing	Progressing	Meet Expectations	Exceeding Expectations	Score
	1	2	3	4	
DEMONSTRATES A THOROUGH UNDERSTANDING	Shows no understanding of the problem or question.	Shows little understanding of the problem or question.	Shows partial understanding of the problem or question.	Shows understanding of the problem or question.	
TASK COMPLETION AND ACCURACY	Model, drawing, or equation does not support the response.	Model, drawing, or equation may be confusing.	Model, drawing, or equation shows that the student only partially understands the math required response.	Model, drawing, or equation clarifies, enhances, or supports the response and shows that the student understands the math required response.	
WORK PRODUCTS	Student indicates nothing about their thought process or strategy.	Uses limited math words in response to the Math problems.	Uses math words (only) that add clarity to the response.	Uses math words and phrases that add clarity and precision to the response.	
PARTICIPATION IN THE CULMINATING TASK(S)	I participated in culminating task activities minimally. I did not self-monitor my progress throughout the unit.	I participated in several culminating task activities and occasionally self-monitored my progress throughout the unit.	I participated in most of the activities related to the culminating task and self-monitored my progress periodically throughout the unit.	I participated in all activities related to the culminating task and self-monitored my progress throughout the unit. I also shared my work and understanding with my peers.	
Overall Score					
Notes					