









Trimester	Unit Title	Recommended Instructional Days
1	Addition Up to 5	6 - 8 days
Domain: Operations and Algebraic Thinking		
<p><i>Strand:</i></p> <p> K.OA.A.1 Represent addition and subtraction up to 10 with objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations, expressions, or equations.</p> <p> K.OA.A.2 Solve addition and subtraction word problems, and add and subtract within 10, e.g., by using objects or drawings to represent the problem. </p> <p> K.OA.A.5 Demonstrate accuracy and efficiency for addition and subtraction within 5.</p> <p align="center">  Major Cluster  Supporting Cluster  Additional Cluster  Climate Change Opportunity </p>		
<p><i>Progress Indicator:</i> ◊ Tests ◊ Homework / Classwork ◊ Projects ◊ Formative assessments ◊ Summative assessments ◊ Performance Based Assessments</p>		
Mathematical Practices:		
<ol style="list-style-type: none"> 1. Make sense of problems and persevere in solving them. 2. Reason abstractly and quantitatively. 3. Construct viable arguments and critique the reason of others. 4. Model with mathematics. 5. Use appropriate tools strategically. 6. Attend to precision. 7. Look for and make use of structure. 8. Look for and express regularity in repeated reasoning. 		

Recommended Activities, Investigations, Interdisciplinary Connections, and/or Student Experiences to Explore NJSLs-CLKS within Unit

Essential Questions:

Lesson 1: What is an addition equation?

Lesson 2: How can addition help you to put together two groups?

Lesson 3: How can you use objects or drawings to show an addition equation is true?

Lesson 4: How can you write and solve addition equations with sums up to 5?

Essential Understandings:

1. Use symbols to write an addition equation.
2. Use addition to put together two groups.
3. Use objects or drawings to show why an addition equation is true.
4. Write and solve addition equations with sums up to 5.

Vocabulary:

- add
- is equal to
- equation
- sum

Suggested Activity Description:


Playful engagement, Active Child, Daily calendar routine, Whole group mini-lesson, Small group explorations, Waggle, On the Spot Videos, Tier 2 and 3 Intervention Resources, Vocabulary Activities, Grab and Go Differentiation Kit, Explore and Guided/Independent Practice related to the NJSLs, Essential Question Discussion and Check-In, Share and Show, Basic Skills Review, Manipulative Activity, Reteach Activity, Reading Strategies Activity, Making Connections, Multilingual Support, Performance Task, Enrich Activity, Exit Ticket

Interdisciplinary Connections:

Science:

(Lesson 5.1)

1. Have children draw two sets of 1 to 5 flowers.
2. Ask children to share what they know about flowers. Have children tell how flowers are alike and different from each other. Elicit that flowers grow and that they need water.
3. Ask children to tell an addition story about the sets of flowers that they drew.
4. Then ask children to write an addition equation using numbers and symbols.

<p>Social Studies: (Lesson 5.1) Materials: Number and symbol tiles, crayons</p> <ol style="list-style-type: none"> 1. Remind children that some of the goods or items people use are made by people who work in factories. 2. Point out that crayons are made in factories. Name some other things in the classroom that are made in factories. 3. Show two sets of crayons. Have children use their number tiles and symbol tiles to make an addition equation about crayons. <p>Language Arts: 1. Vocabulary Builder TE pg. 164.</p> <p> Climate Change: Students may use counters when finding how many days in a school week they have had rain. adding with their partner to find the total number of days there was rain. With prompting and support, they may ask and answer questions about the effect of rain on Earth’s surface.</p> <p>Spot Light On: Group work/stations where classmates are included.</p>	
<p>Social and Emotional Learning: <i>Competencies</i></p>	<p>Social and Emotional Learning: <i>Sub-Competencies</i></p>
<p>SEL Competencies:</p> <ul style="list-style-type: none"> • Self- awareness • Social Awareness • Self- Management • Relationship Skills • Responsible Decision-Making 	<ul style="list-style-type: none"> • Recognizing the importance of self-confidence in handling daily tasks and challenges. • Demonstrate an awareness of the expectations for social interactions in a variety of ways. • Demonstrate an understanding of the need for mutual respect when viewpoints differ. • Identify and apply ways to persevere through alternative methods to achieve goals. • Utilize positive communication and social skills to interact effectively with others. • Develop, implement, and model effective problem solving and critical thinking skills.
<p>Assessments (Formative) <i>To show evidence of meeting the standard/s, students will successfully engage within:</i></p>	<p>Assessments (Summative) <i>To show evidence of meeting the standard/s, students will successfully complete:</i></p>
<p><u>Formative Assessments:</u></p>	<p><u>Benchmarks & Summative Assessments:</u> Chapter/Unit Assessments • Standardized Tests • Project-based Assessments</p>

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<ul style="list-style-type: none"> • Teacher Observations • Exit Tickets • Quizzes • Self Assessments • Math Journals • Homework/Classwork • Teacher created assessments 			
Differentiated Student Access to Content: Teaching and Learning <i>Resources/Materials</i>			
Core Resources	Alternate Core Resources <i>IEP/504/At-Risk/ESL</i>	ELL Core Resources	Gifted & Talented Core Resources
Go Math Workbook, Interactive Student Edition, ST MATH 60 minutes a week, Waggle, Math on the Spot Videos, iReady, Khan Academy, Illustrative Mathematics, Learn360, TeacherTube, BrainPOP, Freckle, LearnZillion, MobyMax, Achieve the Core, Desmos, RTI	Reteaching worksheets, Skill building workbook, Math manipulatives, iTools, Leveled practice worksheets	Multilingual glossary, eGlossary, Multilingual Activities on ED, Vocabulary Cards, Success for English Learners worksheets, Leveled Strategies for English Learners, Linguistic Support	ST MATH special projects, Enrichment worksheets, Art of Problem Solving, Leveled assessments
Supplemental Resources			
Technology: <ul style="list-style-type: none"> • Chromebooks • Online math manipulatives Other: <ul style="list-style-type: none"> • Google Classroom, Google Meets, Schoology, Interactive Workbooks • Illustrative Mathematics • insidemathematics.org • National Library of Virtual Manipulatives 			
Differentiated Student Access to Content: Recommended <i>Strategies & Techniques</i>			
Core Resources	Alternate Core Resources <i>IEP/504/At-Risk/ESL</i>	ELL Core Resources	Gifted & Talented Core
Deliver instruction utilizing varied learning styles including audio, visual, and tactile/kinesthetic, provide individual instruction as needed, modify assessments and/or rubrics, repeat	Utilize a multi-sensory (VAKT) approach during instruction, provide alternate presentations of skills by varying the method (repetition, simple explanations, additional examples, modeling,	Extend time requirements, preferred seating, positive reinforcement, check often for understanding/review, oral/visual directions/prompts when necessary, supplemental materials including use of an online bilingual	Create an enhanced set of introductory activities, integrate active teaching/learning opportunities, incorporate authentic components, propose

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	etc.), modify test content and/or format, allow students to retake test for additional credit, provide additional times and preferential seating as needed, review, restate and repeat directions, provide study guides, and/or break assignments into segments of shorter tasks.	dictionary, and modified assessment and/or rubric.	interest-based extension activities, and connect student to related
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NJSLS CAREER READINESS, LIFE LITERACIES & KEY SKILLS	Disciplinary Concept(s): Civic Responsibility	
	Core Ideas:	There are actions an individual can take to make this world a better place.
	Performance Expectation/s:	9.1.2.CR.1 Recognize ways to volunteer in the classroom, school and community.
	Career Readiness, Life Literacies, & Key Skills Practices	
	<p>Act as a responsible and contributing community member and employee. Attend to financial well-being. Consider the environmental, social and economic impacts of decisions. Demonstrate creativity and innovation. Utilize critical thinking to make sense of problems and persevere in solving them. Model integrity, ethical leadership and effective management. Plan education and career paths aligned to personal goals. Use technology to enhance productivity, increase collaboration and communicate effectively. Work productively in teams while using cultural/global competence.</p>	

New Jersey Legislative Statutes and Administrative Code
(place an "X" before each law/statute if/when present within the curriculum map)

Amistad Law: <i>N.J.S.A. 18A 52:16A-88</i>	Holocaust Law: <i>N.J.S.A. 18A:35-28</i>	LGBT and Disabilities Law: <i>N.J.S.A. 18A:35-4.35</i>	X	Diversity & Inclusion: <i>N.J.S.A. 18A:35-4.36a</i>	X	Standards in Action: <i>Climate Change</i>
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