







**Grade 2 Mathematics**  
**Unit 7: 2-Digit Subtraction**

Updated August 2024

Trimester	Unit Title	Recommended Instructional Days
2	2-Digit Subtraction	6 - 8 days
<b>Domain: Number and Operations in Base Ten</b>		
<p><i>Strand:</i></p> <p> <b>2.NBT.B.5</b> With accuracy and efficiency, add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.</p> <p> <b>2.NBT.B.9</b> Explain why addition and subtraction strategies work, using place value and the properties of operations.</p> <p align="center">  <b>Major Cluster</b>                <b>Supporting Cluster</b>                <b>Additional Cluster</b>                <b>Climate Change Opportunity</b> </p>		
<p><b>Progress Indicator:</b> ◊ Tests ◊ Homework / Classwork ◊ Projects ◊ Formative assessments ◊ Summative assessments ◊ Performance assessments</p>		
<b>Mathematical Practices:</b>		
<ol style="list-style-type: none"> <li>1. Make sense of problems and persevere in solving them.</li> <li>2. Reason abstractly and quantitatively.</li> <li>3. Construct viable arguments and critique the reason of others.</li> <li>4. Model with mathematics.</li> <li>5. Use appropriate tools strategically.</li> <li>6. Attend to precision.</li> <li>7. Look for and make use of structure.</li> <li>8. Look for and express regularity in repeated reasoning.</li> </ol>		
<b>Recommended Activities, Investigations, Interdisciplinary Connections, and/or Student Experiences to Explore NJSL-CLKS within Unit</b>		
<p><b>Essential Questions:</b> Lesson 7.1: How can you break apart numbers to make subtraction easier?</p>		

Lesson 7.2: How can you break apart numbers to make subtraction easier?

Lesson 7.3: How can you show regrouping for subtraction?

Lesson 7.4: How can you show all the ways you can subtract?

**Essential Understandings:**

Lesson 7.1: Break apart a number to make subtracting easier.

Lesson 7.2: Break apart numbers to make subtracting easier.

Lesson 7.3: Understand how to model regrouping for subtraction.

Lesson 7.4: Record 2-digit subtraction.

**Vocabulary**

None in this unit. Reinforce previous vocabulary.

**Suggested Activity Description:**

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 7.3)**

1. If children are not familiar with using an outdoor thermometer, draw a thermometer on the board and discuss how the temperature is read.
2. Help children read and record the temperature outdoors once in the morning and once in the afternoon.
3. Then have children use subtraction to compare the two temperatures.

**Social Studies:**

**(Lesson 7.3)**

1. Provide children with some normal temperatures to compare. For example, you may wish to use the normal temperatures from different cities in your state, all from the same month.
2. Have children locate the cities on a map. Discuss how the locations of the cities compare. Explain that location can affect temperatures. Point out that cities that are close to each other often have similar temperatures.
3. Have children use subtraction to compare the normal temperatures in two of the cities.

**Language Arts:**

1. Comic Books for Sale - (From the Differentiated Centers Kits Grab and Go)

**Spot Light On:** Define "include" with examples.

**Grade 2 Mathematics**  
**Unit 7: 2-Digit Subtraction**

Updated August 2024

<b>Social and Emotional Learning: Competencies</b>		<b>Social and Emotional Learning: Sub-Competencies</b>	
SEL Competencies: <ul style="list-style-type: none"> <li>• Self- awareness</li> <li>• Social Awareness</li> <li>• Self- Management</li> <li>• Relationship Skills</li> <li>• Responsible Decision-Making</li> </ul>		<ul style="list-style-type: none"> <li>• Recognizing the importance of self-confidence in handling daily tasks and challenges.</li> <li>• Demonstrate an awareness of the expectations for social interactions in a variety of ways.</li> <li>• Demonstrate an understanding of the need for mutual respect when viewpoints differ.</li> <li>• Identify and apply ways to persevere through alternative methods to achieve goals.</li> <li>• Utilize positive communication and social skills to interact effectively with others.</li> <li>• Develop, implement, and model effective problem solving and critical thinking skills.</li> </ul>	
<b>Assessments (Formative)</b> <i>To show evidence of meeting the standard/s, students will successfully engage within:</i>		<b>Assessments (Summative)</b> <i>To show evidence of meeting the standard/s, students will successfully complete:</i>	
<b>Formative Assessments:</b> • Teacher Observations • Exit Tickets • Quizzes • Self Assessments • Math Journals • Homework/Classwork • Teacher created assessments		<b>Benchmarks &amp; Summative Assessments:</b> Chapter/Unit Assessments • Standardized Tests • Project-based Assessments	
<b>Differentiated Student Access to Content: Teaching and Learning <i>Resources/Materials</i></b>			
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			
<p><b>Technology:</b> • Chromebooks • Online math manipulatives</p> <p><b>Other:</b> • Google Classroom, Google Meets, Schoology, Interactive Workbooks • Illustrative Mathematics • insidemathematics.org • National Library of Virtual Manipulatives</p>			
Differentiated Student Access to Content: Recommended <i>Strategies &amp; 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, 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.	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 dictionary, and modified assessment and/or rubric.	Create an enhanced set of introductory activities, integrate active teaching/learning opportunities, incorporate authentic components, propose interest-based extension activities, and connect student to related

<b>NJSLS CAREER READINESS, LIFE LITERACIES &amp; KEY SKILLS</b>	<b>Disciplinary Concept(s): Creativity and Innovation</b>	
	<b>Core Ideas:</b>	Brainstorming can create new, innovative ideas.
	<b>Performance Expectation/s:</b>	<b>9.4.2.CT.2</b> Identify possible approaches and resources to execute a plan

	<b>Career Readiness, Life Literacies, &amp; Key Skills Practices</b>
	<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>	<b>X</b>	Diversity & Inclusion: <i>N.J.S.A. 18A:35-4.36a</i>	Standards in Action: <i>Climate Change</i>