

Grade K			
Unit	Unit Title	Lesson	Day
4.2	Comparing Numbers	1 of 2	1 - 3
Lesson Focus			
1. Standards Addressed	2. Content to be Learned	3. Mathematical Practices	4. Essential Question
<p><b>K.CC.6</b> Identify whether the number of objects in one group is greater than, <b>less than</b>, or equal to the number of objects in another group, e.g., by using matching and counting strategies.<sup>1</sup></p> <p><sup>1</sup> Include groups with up to ten objects.</p>	<ul style="list-style-type: none"> <li>•Identify whether the number of objects in one group is less than the number of objects in another.</li> <li>•Review using greater than and equal to (See Unit 3.2).</li> <li>•Use matching and counting strategies (up to 10 objects) to compare quantities.</li> <li>•Solve problems using the strategy <i>draw a picture and make a model</i>.</li> </ul>	<p><b>SMP1</b> Make sense of problems and persevere in solving objects.</p> <p><b>SMP4</b> Model with mathematics.</p>	<ul style="list-style-type: none"> <li>•How do you know the number of objects in this group is less than the number of objects in the other group?</li> <li>•How can you use matching and counting strategies to compare two numbers?</li> <li>•What do you need to do to make the groups equal?</li> <li>•How can you solve problems using the strategies <i>draw a picture and make a model</i>?</li> </ul>
5. Prerequisite Knowledge	6. Essential Vocabulary	7. Possible Misconceptions	8. Necessary Materials
<ul style="list-style-type: none"> <li>•Identify whether the number of objects in one group are greater than or equal to the number of objects in another group.</li> <li>•Understand 1-1 matching and the concept of fewer.</li> </ul>	<p>Compare</p> <p>Less than; less</p>	<p>Comparing by size instead of quantity.</p>	<p><b>OnCore</b> Lesson 35 - 41 Student pages 69 – 82</p> <p><b>Investigations</b> Unit 2 INV 2 Less than activities and student pages only.</p> <p><b>K-5 Math Resources</b> <a href="#"><u>Greater Than/Less Than</u></a></p>
Instruction			
9. Instruction Practices (What are the teachers doing)	10. Learning Practices (What are the students doing)		
<p>Teachers will guide students to identify whether the number of objects in one group is less than the number of objects in another group. They will help students to use matching and counting strategies (up to 10 objects) to compare quantities. Teachers may use OnCore lesson 35 - 41, Investigations Unit INV 2 or the K-5 Math Resource Activity. (NOTE: The concept of greater than and equal to have been covered Q3 Unit 3.2).</p>	<p>Students will learn to identify whether the number of objects in one group is less than the number of objects in another group. They will use matching or counting strategies to help in their decision-making. Students will practice comparing using OnCore student pages 69 - 82, Investigation SAB pages from Unit 2 INV 2, or the K-5 Math Resource: <i>Greater Than/Less Than</i>.</p>		

**Lesson Alignment Guide – Mathematics  
Cranston Public Schools**

Grade K			
Unit	Unit Title	Lesson	Day
4.2	Comparing Numbers	2 of 2	4 - 5
Lesson Focus			
1. Standards Addressed	2. Content to be Learned	3. Mathematical Practices	4. Essential Question
<b>K.CC.7</b> Compare two numbers between 1 and 10 presented as numerals.	<ul style="list-style-type: none"> <li>Compare two numbers between 1 and 10 presented as numerals. (Unit 3.2 Same standard. In this unit focus on <i>Which is less?</i>)</li> </ul>	<b>SMP2</b> Reason abstractly and quantitatively. <b>SMP4</b> Model with mathematics.	<ul style="list-style-type: none"> <li>How can you compare two numbers between 1 and 10? Which is less? How do you know?</li> </ul>
5. Prerequisite Knowledge	6. Essential Vocabulary	7. Possible Misconceptions	8. Necessary Materials
Understand the concept of greater than and less than.	Compare Less than; less Greater than; more	Comparing by size instead of quantity.	<b>OnCore</b> Lesson 42 Student pages 83 only  <b>K-5 Math Resources</b> <a href="#"><u>Less Than</u></a>
Instruction			
9. Instruction Practices (What are the teachers doing)	10. Learning Practices (What are the students doing)		
Teachers will guide students to compare numbers between 1 and 10 presented as written numerals focusing on less than or which is less. Greater than and equal to has been practiced in Q3 Unit 3.2 . They will continue to ask students to orally recite the counting order from 1 to 10, to prevent misconceptions. Teachers will use OnCore Lesson 42, K-5 Math Resource <i>Less Than</i> , or any additional practice pages they may provide. NOTE: There is only 2 days set aside for this unit.	Students will compare numbers between 1 and 10 presented as written numerals: focusing on less than comparisons. (greater than and equal to was practiced Q Unit 3.2). They will continue to be asked by their teacher to orally recite the counting order from 1 to 10, to help prevent misconceptions in their comparisons. They will practice using OnCore page 83, K-5 Math Resource <i>Greater Than</i> , or any additional pages the teacher may provide.		

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