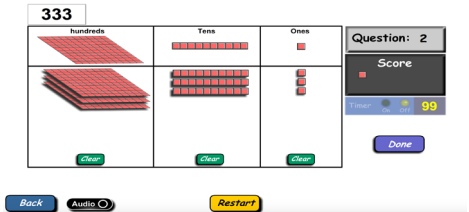
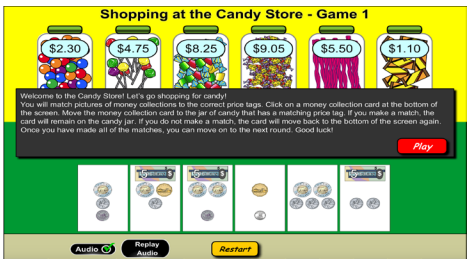
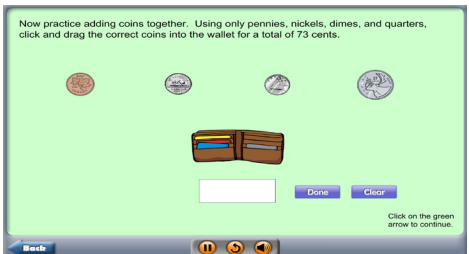
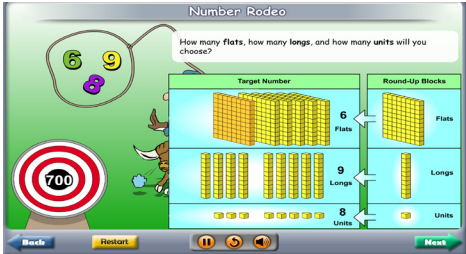
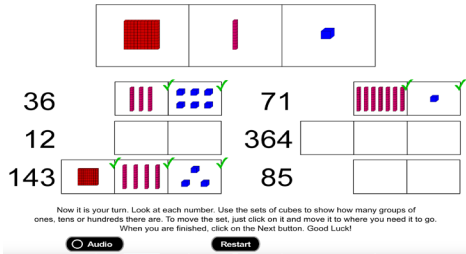
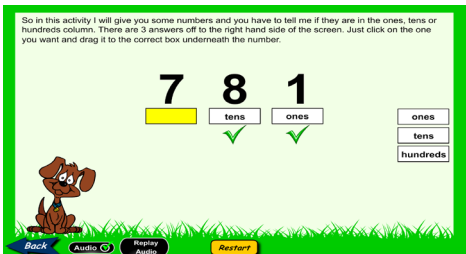
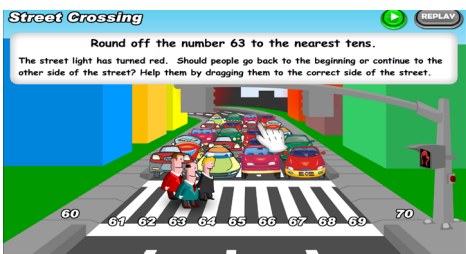


Grade 3 Number Sense and Numeration Ontario Educational Resources Bank (OERB) Activities

Quantity Relationships																															
Activity	Description																														
<p style="text-align: center;">Constructing and Deconstructing Numbers</p> <p style="font-size: small;">Using the base 10 blocks, drag and drop the correct number of blocks to create the following number:</p>  <p style="text-align: center;">Resource ID: ELO1245740</p>	<p>Practise working with place value by using base ten blocks to identify and compose three-digit numbers.</p>																														
<p style="text-align: center;">Counting Candy</p>  <p style="text-align: center;">Resource ID: ELO1294440</p>	<p>Build understanding of representing the value of a collection of coins and bills up to \$10 by reviewing their values. Then match the correct combination of coins and bills to the amounts shown on the price tags.</p>																														
<p style="text-align: center;">Counting Money</p> <p style="font-size: small;">Now practice adding coins together. Using only pennies, nickels, dimes, and quarters, click and drag the correct coins into the wallet for a total of 73 cents.</p>  <p style="text-align: center;">Resource ID: ELO1277030</p>	<p>Practise counting money by dragging combinations of coins, then bills into a wallet to make up a set amount.</p>																														
<p style="text-align: center;">Number Mania</p> <p style="font-size: small;">CRAZY CANUCK AND THE OVERLAPPING NUMBERS!</p> <p style="font-size: x-small;">So you think you can outdo me in this number challenge? Just try... I will give you a three-digit number. You will need to drag down the number cards to show this number. If correct the cards will slide and overlap to show you how these numbers are combined. Watch the example.</p> <p>Make the number 867. $800 + 60 + 7 = 867$.</p> <p>Let's begin. Show me the number: 229</p> <table border="1" style="font-size: x-small; border-collapse: collapse;"> <thead> <tr> <th>Hundred Cards</th> <th>Ten Cards</th> <th>One Cards</th> </tr> </thead> <tbody> <tr><td>9 0 0</td><td>9 0</td><td>9</td></tr> <tr><td>8 0 0</td><td>8 0</td><td>8</td></tr> <tr><td>7 0 0</td><td>7 0</td><td>7</td></tr> <tr><td>6 0 0</td><td>6 0</td><td>6</td></tr> <tr><td>5 0 0</td><td>5 0</td><td>5</td></tr> <tr><td>4 0 0</td><td>4 0</td><td>4</td></tr> <tr><td>3 0 0</td><td>3 0</td><td>3</td></tr> <tr><td>2 0 0</td><td>2 0</td><td>2</td></tr> <tr><td>1 0 0</td><td>1 0</td><td>1</td></tr> </tbody> </table> <p style="font-size: x-small;">Use the overlapping cards to make your number here: 229 => + +</p> <p style="text-align: center;">Resource ID: ELO1245610</p>	Hundred Cards	Ten Cards	One Cards	9 0 0	9 0	9	8 0 0	8 0	8	7 0 0	7 0	7	6 0 0	6 0	6	5 0 0	5 0	5	4 0 0	4 0	4	3 0 0	3 0	3	2 0 0	2 0	2	1 0 0	1 0	1	<p>Build understanding of composing and decomposing three-digit numbers into hundreds, tens, and ones by using base ten blocks and expanded form (e.g., $867 = 800 + 60 + 7$).</p>
Hundred Cards	Ten Cards	One Cards																													
9 0 0	9 0	9																													
8 0 0	8 0	8																													
7 0 0	7 0	7																													
6 0 0	6 0	6																													
5 0 0	5 0	5																													
4 0 0	4 0	4																													
3 0 0	3 0	3																													
2 0 0	2 0	2																													
1 0 0	1 0	1																													

Grade 3 Number Sense and Numeration Ontario Educational Resources Bank (OERB) Activities

Quantity Relationships (Continued)	
Activity	Description
<p style="text-align: center;">Number Rodeo</p>  <p style="text-align: center;">Resource ID: ELO1277100</p>	<p>Build understanding of place value and rounding by representing a three-digit number closest to a given target number using base ten blocks.</p>
<p style="text-align: center;">Places Please!</p>  <p style="text-align: center;">Resource ID: ELO1298270</p>	<p>Build understanding of place value by identifying the digit that represents the ones, tens, and hundreds in a given one, two, or three-digit number. Then represent the number using base ten blocks.</p>
<p style="text-align: center;">Place Value</p>  <p style="text-align: center;">Resource ID: ELO1294460</p>	<p>Build understanding of composing three-digit numbers into hundreds, tens, and ones by using base ten blocks and a virtual place value mat to represent a given number. Then represent the number in another way by regrouping numbers.</p>
<p style="text-align: center;">Street Crossing</p>  <p style="text-align: center;">Resource ID: ELO1298050</p>	<p>Build understanding of rounding two-digit numbers to the nearest ten by moving pedestrians to the closest side of the road (closest ten) when the light turns red.</p>

Grade 3 Number Sense and Numeration Ontario Educational Resources Bank (OERB) Activities

Quantity Relationships (Continued)

Activity

Description

Which Number is Greater?

Choose the correct symbol to fill in the blank.

Resource ID: ELO1294410

Practise comparing whole numbers to 1000 by using a spinner to create two different three-digit numbers and symbols to identify the relationship as greater than, less than or equal.

Counting

Activity

Description

Math Counting

Resource ID: ELO1090120

Practise counting forward by 1's, 5's, 10's, and 25's by selecting the next 4 numbers of the pattern on a hundreds chart.

Operational Sense: Addition and Subtraction

Activity

Description

Daniel Go-Cart

Resource ID: ELO1294550



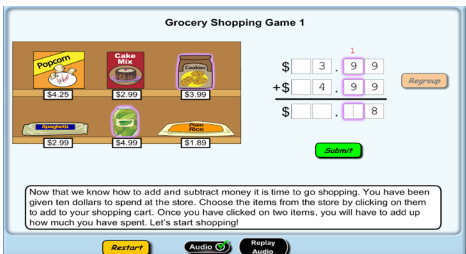

Practise adding and subtracting two-digit numbers by answering addition and subtraction questions correctly to advance your car, or incorrectly to advance your opponent's car.

Let's Go Shopping

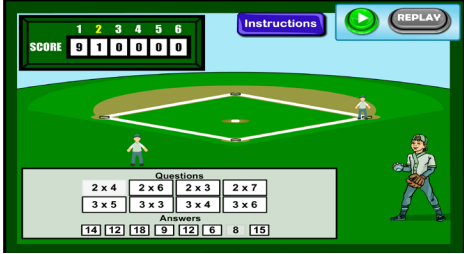

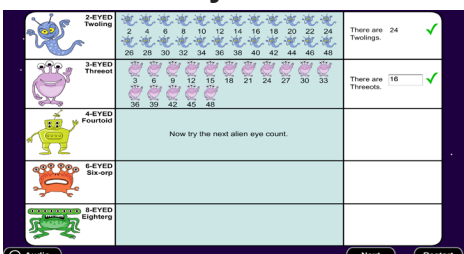
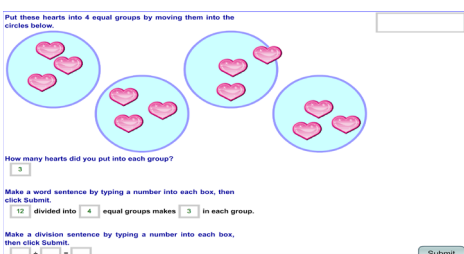
Resource ID: ELO1298700

Practise adding money amounts by making simulated purchases for amounts up to \$10.

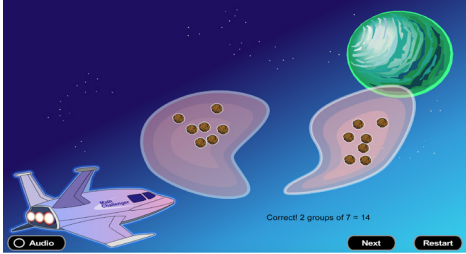
Grade 3 Number Sense and Numeration Ontario Educational Resources Bank (OERB) Activities

Operational Sense: Addition and Subtraction (Continued)	
Activity	Description
<p style="text-align: center;">Money in the Bank</p>  <p style="text-align: center;">Resource ID: ELO1291190</p>	<p>Practise adding and subtracting money amounts to \$10 by counting change and matching totals shown. Match different combinations of coins and bills to a given value.</p>
<p style="text-align: center;">Show Me the Money!</p>  <p style="text-align: center;">Resource ID: ELO1277050</p>	<p>Practise adding money amounts to \$10 by calculating combinations of bills and coins and entering the correct amount.</p>
<p style="text-align: center;">Smart Shopper</p>  <p style="text-align: center;">Resource ID: ELO1291280</p>	<p>Practise adding and subtracting money amounts to \$10 by finding the total cost of two items and the change owed from a ten dollar bill.</p>
<p style="text-align: center;">The Toy Store</p>  <p style="text-align: center;">Resource ID: ELO1294020</p>	<p>Build understanding of adding money amounts up to \$10 by making simulated purchases at a toy store.</p>

Grade 3 Number Sense and Numeration Ontario Educational Resources Bank (OERB) Activities

Operational Sense: Multiplication																	
Activity	Description																
<div style="text-align: center;"> <h3>Batter Up!</h3>  <p style="text-align: center;"> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>2 x 4</td> <td>2 x 6</td> <td>2 x 3</td> <td>2 x 7</td> </tr> <tr> <td>3 x 5</td> <td>3 x 3</td> <td>3 x 4</td> <td>3 x 6</td> </tr> <tr> <td>14</td> <td>12</td> <td>9</td> <td>12</td> </tr> <tr> <td>8</td> <td>9</td> <td>12</td> <td>18</td> </tr> </table> </p> <p style="text-align: center;">Resource ID: ELO1295400</p> </div>	2 x 4	2 x 6	2 x 3	2 x 7	3 x 5	3 x 3	3 x 4	3 x 6	14	12	9	12	8	9	12	18	<p>Practise multiplying to 7 x 7 by answering multiplication facts to move the runners around the bases.</p>
2 x 4	2 x 6	2 x 3	2 x 7														
3 x 5	3 x 3	3 x 4	3 x 6														
14	12	9	12														
8	9	12	18														
<div style="text-align: center;"> <h3>Fun with Multiplication</h3>  <p style="text-align: center;">Resource ID: ELO1161180</p> </div>	<p>Build understanding of multiplication as repeated addition by matching the correct picture of equal groups to an addition and multiplication sentence.</p>																
<div style="text-align: center;"> <h3>Galaxy Divide</h3>  <p style="text-align: center;">Resource ID: ELO1298130</p> </div>	<p>Build understanding of division as repeated subtraction and of the relationship between multiplication and division by determining how many equal groups of alien eyes make up the total.</p>																
<div style="text-align: center;"> <h3>Let's Share</h3>  <p style="text-align: center;">Resource ID: ELO1161190</p> </div>	<p>Practise dividing whole numbers by using repeated subtraction of equal groups from a set of objects. Then complete and match subtraction and division sentences.</p>																

**Grade 3 Number Sense and Numeration
Ontario Educational Resources Bank (OERB) Activities**

Operational Sense: Multiplication (Continued)	
Activity	Description
<p>Planet Multiply</p>  <p>Resource ID: ELO1245620</p>	<p>Build understanding of the relationship between multiplication and division by using repeated subtraction of equal groups to divide rocks from an asteroid and checking answers using repeated addition.</p>