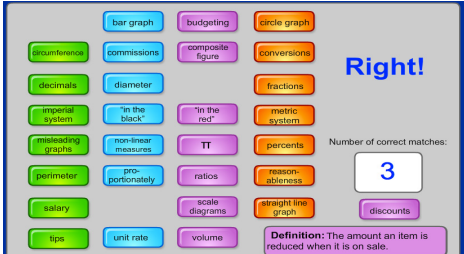
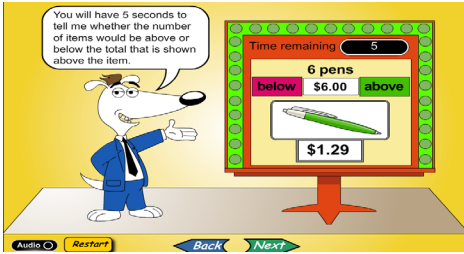
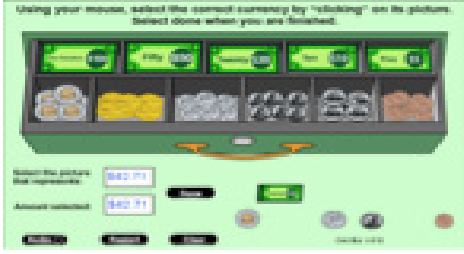



**Grade 10 MAT2L**  
**Ontario Educational Resources Bank (OERB) Activities**

Overall	
Activity	Description
<p><b>What's in a Word?</b></p>  <p><b>Resource ID: ELO1152020</b></p>	<p>Practise the vocabulary for the course by completing a matching activity and a word search puzzle.</p>
Money Sense	
Activity	Description
<p><b>The Estimate is Right!</b></p>  <p><b>Resource ID: ELO1149450</b></p>	<p>Practise mental math by estimating the cost of multiple products and determining whether it is above or below a given amount.</p>
<p><b>Making Change</b></p>  <p><b>Resource ID: ELO1152050</b></p>	<p>Practise working with money by identifying the different denominations of Canadian currency and then by selecting the currency needed to obtain a given amount using the least number of coins and bills.</p>
<p><b>Lunch Time</b></p>  <p><b>ELO1152060</b></p>	<p>Practise using the standard unit of a millilitre and litre by estimating the capacity of various containers and then arranging them from least to greatest.</p>

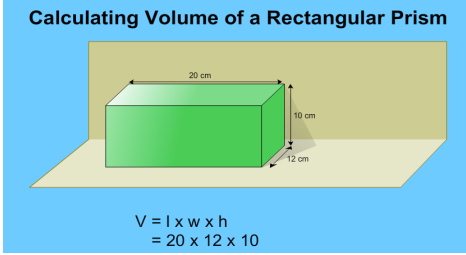
**Grade 10 MAT2L**  
**Ontario Educational Resources Bank (OERB) Activities**

**Measurement**

**Activity**

**Calculating Volume**

**Calculating Volume of a Rectangular Prism**



$V = l \times w \times h$   
 $= 20 \times 12 \times 10$

**Resource ID: ELO1149460**

**Description**

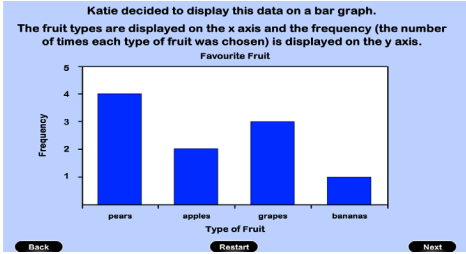
Practise calculating volume and capacity of rectangular prisms and cylinders by matching a volume to a labelled diagram and by relating a volume to a capacity.

**Proportional Reasoning**

**Activity**

**How to Create a Bar Graph**

Katie decided to display this data on a bar graph.  
 The fruit types are displayed on the x axis and the frequency (the number of times each type of fruit was chosen) is displayed on the y axis.



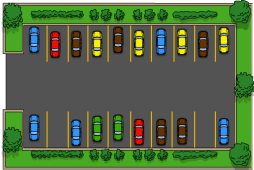
**Resource ID: ELO1149500**

**Description**

Practise graphing skills by creating bar graphs for a given set of data.

**Parking Lot Percentages**  
**Car Percentages**

What is the percentage of blue cars? Use your calculator to figure it out!  
 When you have entered your answer, click the Submit button.



Total number of cars = 18  
 Total number of blue car(s) = 5  
 Total number of yellow car(s) = 4  
 Total number of green car(s) = 2  
 Total number of brown car(s) = 5  
 Total number of red car(s) = 2  
 Percentage of blue cars = 28 % ✓

**Resource ID: ELO1149470**

Practise working with percentages and graphing by calculating the percentage of each colour of car in a parking lot and then creating a circle graph representing this data.

**Lemonade Stand**

Here are your lemonade sales for last year:

Temperature (°C)	Amount of Lemonade Sold (Litres)
26	3.7
27	4.0
28	4.2
29	4.6
30	5.0
31	5.2
32	5.6
33	5.9
34	6.2
35	6.5

**Three Day Forecast**

Day 1: 28°C  
 Day 2: 34°C  
 Day 3: 30°C

Please enter the amount of lemonade you sold last year at each of the forecasted temperatures:

Amount Day 1:  L ✓  
 Amount Day 2:  L ✓  
 Amount Day 3:  L ✓  
 That's right!

**Resource ID: ELO1151990**

Practise proportional reasoning by using tables, ratios, metric conversions and percent, to predict the amount of lemonade expected to be sold and to determine the amount of each ingredient and the serving supplies needed for a lemonade stand.