

## Numeracy (Math) Skills Learning Plan

**Name:** Sam Jones

**Occupation:** Bakers

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Your Essential Skills Learning Plan is based on the results of the assessment you took. It focuses on the skills you likely need to build, not the ones you already have.

It lists local and online resources that can help you build your Essential Skills. You don't have to do all of the online activities, but it's a good idea to do a few before you take the Essential Skills assessment again.

It doesn't take long to build Essential Skills, especially if you know which ones to target. This learning plan can help you do that.

Should you require support with your Learning Plan, contact a local training organization.

### LOCAL TRAINING ORGANIZATIONS

The following organization(s) deliver Essential Skills training and academic upgrading in your area. They may also offer programs such as apprenticeship training specific to your occupation. Contact them if you'd like information about how they can help you build your career.

**Algonquin College**

1385 Woodroffe Ave  
Ottawa, ON  
K2G 1V8  
613-727-4723 ext. 5722  
[caac@algonquincollege.com](mailto:caac@algonquincollege.com)  
[Algonquin College website](#)

**Algonquin College**

52 Abbott St. North  
Smiths Falls, ON  
K7A 1M9  
613-727-4723 ext. 3536  
[davisa@algonquincollege.com](mailto:davisa@algonquincollege.com)  
[Algonquin College website](#)

**St. Lawrence College**

2288 Parkedale Avenue  
Brockville, ON, ON  
K6V 5X3  
613-345-0556, Ext. 3232  
[pcarter@sl.on.ca](mailto:pcarter@sl.on.ca)  
[St. Lawrence College website](#)

## FREE ONLINE NUMERACY RESOURCES

### EQUATIONS AND FORMULAE

#### **Source: Algebrahelp**

Learning Activity: Basics of Algebra

Direct Link: <http://www.algebrahelp.com/lessons/equationbasics/>

#### **Source: Khan Academy**

Learning Activity: Algebra: Equation of a line

Direct Link: <http://www.khanacademy.org/video/algebra--equation-of-a-line?playlist=Algebra>

Learning Activity: Equations 2

Direct Link: <http://www.khanacademy.org/video/equations-2?playlist=Algebra>

Learning Activity: Simple Equations

Direct Link: <http://www.khanacademy.org/video/simple-equations?playlist=Algebra>

Learning Activity: Equations 3 : Equations with the variable on both sides.

Direct Link: <http://www.khanacademy.org/video/equations-3?playlist=Algebra>

Learning Activity: Algebra: Linear Equations 2

Direct Link: <http://www.khanacademy.org/video/algebra--linear-equations-2?playlist=Old%20Algebra>

### MEASUREMENT CONVERSIONS

#### **Source: Khan Academy**

Learning Activity: Converting within the metric system

Direct Link: <http://www.khanacademy.org/video/converting-within-the-metric-system?playlist=Developmental%20Math>

Learning Activity: Perimeter and Unit Conversion

Direct Link: <http://www.khanacademy.org/video/perimeter-and-unit-conversion?playlist=Developmental%20Math>

Learning Activity: Converting Farenheit to Celsius

Direct Link: <http://www.khanacademy.org/video/converting-farenheit-to-celsius?playlist=Developmental%20Math>

Learning Activity: Converting Gallons to quarts pints and cups

Direct Link: <http://www.khanacademy.org/video/converting-gallons-to-quarts-pints-and-cups?playlist=Developmental%20Math>

#### **Source: TeacherTube**

Learning Activity: American and Metric Conversions

Direct Link: [http://www.teachertube.com/viewVideo.php?title=American and Metric Conversions&video\\_id=210690](http://www.teachertube.com/viewVideo.php?title=American%20and%20Metric%20Conversions&video_id=210690)

Learning Activity: Metric Conversions

Direct Link: [http://www.teachertube.com/viewVideo.php?title=Metric Conversions&video\\_id=13100](http://www.teachertube.com/viewVideo.php?title=Metric%20Conversions&video_id=13100)

Learning Activity: Conversions in the Metric System

Direct Link: [http://www.teachertube.com/viewVideo.php?video\\_id=93677&title=Conversions in the Metric System](http://www.teachertube.com/viewVideo.php?video_id=93677&title=Conversions%20in%20the%20Metric%20System)

#### **Source: The Open University**

Learning Activity: 2. Units of measurement

Direct Link: <http://openlearn.open.ac.uk/mod/oucontent/view.php?id=398376&ion=1.2.1>

## PERCENT

### Source: Khan Academy

Learning Activity: Another Percent Word Problem

Direct Link: <http://www.khanacademy.org/video/another-percent-word-problem?playlist=Algebra>

Learning Activity: Growing by a percentage

Direct Link: <http://www.khanacademy.org/video/growing-by-a-percentage?playlist=Algebra>

Learning Activity: Taking percentages

Direct Link: <http://www.khanacademy.org/video/taking-percentages?playlist=Algebra>

### Source: Syracuse University

Learning Activity: Percents, Operations with

Direct Link: <http://cstl.syr.edu/FIPSE/Decunit/percent/opercent.htm>

Learning Activity: Percents, Review of

Direct Link: <http://cstl.syr.edu/FIPSE/DECUNIT/percent/percent.htm>

### Source: The Open University

Learning Activity: 3.1 What are percentages? (Introduction)

Direct Link: <http://openlearn.open.ac.uk/mod/oucontent/view.php?id=398376&ion=1.1.2>

## RATE, RATIO AND PROPORTION

### Source: Khan Academy

Learning Activity: Introduction to Ratios

Direct Link: <http://www.khanacademy.org/video/introduction-to-ratios--new-hd-version?playlist=Algebra>

### Source: The Open University

Learning Activity: Expressing ratios

Direct Link: <http://openlearn.open.ac.uk/mod/oucontent/view.php?id=398388&ion=1.2>

Learning Activity: 2.1 Introduction to proportions

Direct Link: <http://openlearn.open.ac.uk/mod/oucontent/view.php?id=398388&ion=1.2.1>

Learning Activity: Direct proportion

Direct Link: <http://openlearn.open.ac.uk/mod/oucontent/view.php?id=398388&ion=2.2>

Learning Activity: 1.1 Introduction to ratios

Direct Link: <http://openlearn.open.ac.uk/mod/oucontent/view.php?id=398376&ion=1.1.1>