

Numeracy Level 2

These checklists are examples only and do not limit what may be taught at each level. Some concepts are for advanced learners planning to continue their education. Please adapt the contents to suit the contexts of individual learners and your organization.



Skills and Goals Checklist

| Learner can... | Yes | No | Would like to learn | Portfolio item that shows mastery of this skill |
|---|-----|----|---------------------|---|
| Order numbers up to 1,000. | | | | |
| Know times table by 12 for multiplication and division. | | | | |
| Add and subtract numbers with 4 or more digits. | | | | |
| Estimate sums, products, and quotients | | | | |
| Add, subtract, multiply and divide whole numbers and fractions. | | | | |
| Reduce fractions to lowest terms. | | | | |
| Convert fractions to decimals and percentages (e.g., $\frac{1}{2}$ equals 0.5 or 50 percent). | | | | |
| Estimate costs to buy and operate a vehicle. | | | | |
| Calculate fuel at miles/gallon and miles/litre. | | | | |
| Understand pay stub deductions. | | | | |
| Complete an income tax form. | | | | |
| Fill out a housing application form. | | | | |
| Understand a phone and utility bill. | | | | |
| Understand the basics of banking, credit, loans, interest, and debt. | | | | |
| Calculate an annual budget for living and personal expenses. | | | | |
| Draw line, bar graphs, and pie charts to represent numerical data. | | | | |
| Interpret statistical data from charts, tables, and graphs. | | | | |
| Average a set of numbers. | | | | |





Skills and Goals Checklist

| Learner can... | Yes | No | Would like to learn | Portfolio item that shows mastery of this skill |
|---|-----|----|---------------------|---|
| Identify and use geometric tools, e.g. ruler, protractor, compass, graph paper. | | | | |
| Measure perimeter, area, and volume. | | | | |
| Identify, measure and draw common angles (45, 90, 180). | | | | |
| Know types of triangles. | | | | |
| Identify parallel, perpendicular, and intersecting lines. | | | | |
| Measure one, two, and three-dimensional shapes. | | | | |
| Understand and use rate, ratio and proportion. | | | | |
| Write variable expressions. | | | | |
| Solve variable equations. | | | | |
| Write variable equations to represent word problems. | | | | |
| Use algebraic formulas to measure shapes. | | | | |
| Know and apply operation symbols on a keyboard | | | | |
| Use a spreadsheet to collect data, enter in cells, and calculate totals. | | | | |
| Use a converter tool for Metric to Imperial measurements and vice versa. | | | | |
| Use a converter tool for Metric units of measurement (e.g., 10 centimetres (cm) is the same as 100 millimetres (mm)). | | | | |
| Convert Celsius temperatures to Fahrenheit temperatures and compare averages over 7 days. | | | | |
| Know abbreviations for Imperial and Metric measurements. | | | | |
| Convert kilometres to miles. | | | | |
| Calculate time to travel from point a. to b. at 100 km/hr or 100 miles/hr. | | | | |
| Use numerical data to argue a point in a discussion. | | | | |