

Queen of Angels Catholic School
Mathematics Skills – Grade 3

Understands numbers number systems and number relationships

- Knows addition facts to 19
- Knows subtraction facts to 19
- Knows multiplication facts having 0 or 1 as a factor
- Knows multiplication facts from 2- 5

Understands computation and estimation

- Solves addition and subtraction multidigit number stories
- Adds multidigit numbers – without regrouping
- Subtracts multidigit numbers– without regrouping
- Adds multidigit numbers – with regrouping
- Subtracts multidigit numbers– with regrouping
- Identifies symmetric figures and draw lines of symmetry

Understands measurement

- Reads a thermometer
- Measures line segments to the nearest $\frac{1}{4}$ inch
- Measures line segments to the nearest centimeter
- Tells and shows times to the nearest minute – analog clock

Demonstrates mathematical reasoning and connections

- Identifies place value in whole numbers up to 5 digits
- Finds equivalent names for numbers

Demonstrates mathematical problem solving and communication

- Completes multiplication/division fact families

Understand data analysis and statistics

- Makes a bar graph

Understands algebra and functions

- Finds equivalent names for numbers

Understands geometry

- Identifies and names 2-D and 3-D shapes
- Identifies right angles

Demonstrates an understanding of trigonometry

- Calculates perimeter
- Calculates area