Lengths

Students	Learning Continuum Statements:
Students:	**RIT 131-140:** • Measures length, width, or height to the nearest inch
Students:	**RIT 141-150:** • Measures length, width, or height to the nearest inch
Students:	**RIT 151-160:** • Measures length, width, or height to the nearest centimeter • Measures length, width, or height to the nearest inch
Students:	**RIT 161-170:** • Compares the length of objects • Identifies customary units or tools for measuring length • Measures length, width, or height to the nearest centimeter • Measures length, width, or height to the nearest inch • Orders objects by length
Students:	**RIT 171-180:** • Identifies customary units or tools for measuring length • Measures length, width, or height to the nearest centimeter • Measures length, width, or height to the nearest half inch
Students:	**RIT 181-190:** • Completes simple conversions of customary units of length • Identifies customary units or tools for measuring length • Knows relative sizes of customary units of length • Knows relative sizes of metric units of length • Measures length, width, or height in nonstandard units • Measures length, width, or height to the nearest half inch • Measures length, width, or height to the nearest tenth of a centimeter • Understands that the measurement of an object will change depending upon the units used to measure it

Students:	RIT 191-200:

- Completes simple conversions of customary units of length
- Estimates length, width, or height in nonstandard units
- Estimates the length of an object in centimeters
- Identifies customary units or tools for measuring length
- Identifies metric units or tools for measuring length
- Knows relative sizes of customary units of length
- Knows relative sizes of metric units of length
- Measures and compares the length of 2 objects in inches
- Measures length, width, or height in nonstandard units

Students:	RIT 201-210:

- Completes complex conversions of customary units of length involving fractions, decimals, or more than two units
- Completes simple conversions of customary units of length
- Converts units of length between the customary and the metric systems
- Identifies metric units or tools for measuring length
- Knows relative sizes of customary units of length
- Knows relative sizes of metric units of length
- Measures length, width, or height to the nearest quarter inch
- Understands measurement involving rulers

Students:	RIT 211-220:

- Adds, subtracts, multiplies, or divides multiple units of length
- Completes complex conversions of customary units of length involving fractions, decimals, or more than two units
- Completes simple conversions of customary units of length
- Converts units of length between the customary and the metric systems
- Knows relative sizes of metric units of length
- Measures length, width, or height to the nearest eighth inch
- Measures length, width, or height to the nearest millimeter
- Measures length, width, or height to the nearest quarter inch
- Measures length, width, or height to the nearest sixteenth inch
- Solves multi-step length word problems involving decimals or fractions and conversion of customary units
- Understands measurement involving rulers

Students:	RIT 221-230:

- Adds, subtracts, multiplies, or divides multiple units of length
- Completes complex conversions of customary units of length involving fractions, decimals, or more than two units
- Completes simple conversions of customary units of length
- Converts units of length between the customary and the metric systems
- Knows relative sizes between customary and metric units of length
- Measures length, width, or height to the nearest eighth inch
- Measures length, width, or height to the nearest millimeter

- Measures length, width, or height to the nearest quarter inch
- Solves multi-step length word problems involving decimals or fractions and conversion of customary units
- Solves multi-step length word problems involving whole numbers and conversion of customary units
- Understands measurement involving rulers

Students:	RIT 231-240:
	- Adds, subtracts, multiplies, or divides multiple units of length - Completes complex conversions of customary units of length involving fractions, decimals, or more than two units - Completes conversions of metric units of length - Converts units of length between the customary and the metric systems - Knows relative sizes between customary and metric units of length - Measures length, width, or height to the nearest millimeter - Solves multi-step length word problems involving decimals or fractions and conversion of customary units - Solves multi-step length word problems involving whole numbers and conversion of customary units
Students:	RIT 241-250:
	- Adds, subtracts, multiplies, or divides multiple units of length - Completes conversions of metric units of length - Converts units of length between the customary and the metric systems - Solves multi-step length word problems involving decimals or fractions and conversion of customary units - Solves multi-step length word problems involving whole numbers and conversion of customary units