

Signs and Symbols

Appendix B contains NWEA’s assessment signs and symbols for the subjects of language usage, mathematics, science concepts and processes, and general science. Within each subject area of DesCartes, signs and symbols are included in the first RIT Score Range in which they apply by your goal areas. The RIT Score Range here indicates when the corresponding group of signs and symbols may need to be introduced into the curriculum for this subject area based on all NWEA data.

Language Usage

RIT Score Range: 161–170

- apostrophe
- colon
- comma
- dash
- exclamation point
- period
- question mark
- quotation mark (left)
- quotation mark (right)
- semicolon

RIT Score Range: 181–190

- ellipsis
- parentheses (left)
- parentheses (right)

RIT Score Range: 191–200

- underline

RIT Score Range: 231–240

- paragraph

Mathematics

RIT Score Range: 151-160

- addition
- dollar sign
- is equal to
- variable

RIT Score Range: 161-170

- () order of operations
- cent sign
- cm centimeter/centimetre
- division
- greater than
- less than
- multiplication
- subtraction
- used with time

RIT Score Range: 171-180

- degrees Fahrenheit
- ft feet
- gram
- lb pound
- min minute
- point
- tally mark

RIT Score Range: 181-190

- () ordered pair
- { } set notation
- degrees Celsius
- a.m.
- in. inch
- long division symbol
- meter/metre
- next in sequence
- p.m.

RIT Score Range: 191-200

- hr hour
- inches
- missing operation
- multiplication symbol
- negative number
- null or empty set
- percent
- pt pint
- qt quart
- remainder
- yd yard

RIT Score Range: 201-210

- a variable
- approximately equal to
- degrees
- distance
- east
- greater than or equal to
- less than or equal to
- line symbol
- mm millimeter/millimetre
- mph miles per hour
- NE northeast
- NW northwest
- oz ounce
- positive number
- right angle marker
- SE south east
- SW southwest
- time

RIT Score Range: 211-220

- angle
- angle marker (arc)
- cup
- feet
- fl oz fluid ounce
- gal gallon

- kg kilogram
- length
- mpg miles per gallon
- perimeter
- ratio
- segment overbar
- side
- tsp teaspoon
- width

RIT Score Range: 221–230

- () parenthesis around an integer
- || absolute value
- dm decimeter/decimetre
- height
- hour (SI metric)
- intersection
- km kilometer/kilometre
- measure of angle
- measurement span down
- measurement span left
- measurement span right
- measurement span up
- number
- pi
- repeating decimal overbar
- sec second
- second (SI metric)
- square root symbol
- triangle
- volume

RIT Score Range: 231–240

- area
- circumference
- congruent segment symbol
- diameter
- $f(x)$ the value of the function f at x
- interest
- mL milliliter/millilitre
- not equal to
- outlier

- $P()$ probability
- parallel symbol
- radius
- ray symbol
- similar to

RIT Score Range: 241–250

- [] square brackets
- base
- BC
- cubic centimeter/centimetre
- is congruent to
- LCM lowest common multiple
- liter/litre
- NNE north northeast
- north
- south
- sq square
- square centimeter/centimetre
- square meter/metre
- west

RIT Score Range: 251–260

- AAA angle angle angle
- AAS angle angle side
- ASA angle side angle
- factorial
- parallel line arrow markers
- SAS side angle side
- sq in. square inch
- SSA side side angle
- SSS side side side

RIT Score Range: 261–270

- cos cosine
- per
- principal
- rate
- sin sine
- square root of -1
- tan tangent

Science, Concepts and Processes

RIT Score Range: 171–180

- cent sign
- east
- north
- south
- west

RIT Score Range: 191–200

- a.m.
- Celsius
- cm centimeter/centimetre
- cubic centimeter/centimetre
- decimal point
- degrees
- ft feet
- kg kilogram
- p.m.

RIT Score Range: 201–210

- is equal to
- km kilometer/kilometre
- mL milliliter/millilitre
- mm millimeter/millimetre
- negative
- pH
- produces (chemical equation)

RIT Score Range: 211–220

- foot
- gram
- inch
- sec second

RIT Score Range: 221–230

- min minute

Science, General Science

RIT Score Range: 191–200

- north
- south

RIT Score Range: 201–210

- H₂O
- sulfur

RIT Score Range: 211–220

- C₆H₁₂O₆ (glucose)
- Ca (Calcium)
- carbon
- Cl (Chlorine)
- CO (carbon monoxide)
- Co (Cobalt)
- Cr (chromium)
- Cs (Cesium)
- Cu (Copper)
- decimal point
- flow of energy (food chains)
- hydrogen
- K (potassium)
- Na (sodium)
- NO₃ (nitrate)
- oxygen

RIT Score Range: 221–230

- gram
- kg kilogram
- leads to (geochemical cycle)
- mL milliliter/millilitre
- pH

RIT Score Range: 231–240

- negative