

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: 151–160

- comma
- period
- quotation mark (left)
- quotation mark (right)

RIT Score Range: 221–230

- paragraph

RIT Score Range: 161–170

- apostrophe
- colon
- dash
- exclamation point
- question mark
- semicolon

RIT Score Range: 171–180

- parentheses (left)
- parentheses (right)

RIT Score Range: 181–190

- ellipsis

RIT Score Range: 191–200

- underline

Mathematics

RIT Score Range: 151-160

- addition
- is equal to
- used with time
- variable

RIT Score Range: 161-170

- cm centimeter/centimetre
- division
- dollar sign
- ft feet
- greater than
- less than
- multiplication
- point
- subtraction

RIT Score Range: 171-180

- () order of operations
- a.m.
- cent sign
- gram
- in. inch
- lb pound
- next in sequence
- °F
- p.m.
- tally mark

RIT Score Range: 181-190

- () ordered pair
- { } set notation
- cup
- gal gallon
- long division symbol
- meter/metre
- pt pint
- qt quart
- tsp teaspoon

RIT Score Range: 181-190

- () ordered pair
- { } set notation
- cup
- gal gallon
- long division symbol
- meter/metre
- pt pint
- qt quart
- tsp teaspoon

RIT Score Range: 191-200

- approximately equal to
- greater than or equal to
- hr hour
- inches
- kg kilogram
- less than or equal to
- min minute
- mph miles per hour
- multiplication symbol
- °C
- oz ounce
- percent
- remainder
- yd yard

RIT Score Range: 201-210

- a variable
- angle
- degrees
- east
- feet
- line symbol
- measure of angle
- missing operation
- mm millimeter/millimetre
- mpg miles per gallon
- NE northeast
- negative number

- null or empty set
- NW northwest
- positive number
- right angle marker
- SE south east
- SW southwest

RIT Score Range: 211–220

- () parenthesis around an integer
- angle marker (arc)
- distance
- fl oz fluid ounce
- length
- measurement span down
- measurement span left
- measurement span right
- measurement span up
- not equal to
- perimeter
- sec second
- segment overbar
- side
- time
- width

RIT Score Range: 221–230

- dm decimeter/decimetre
- height
- hour (SI metric)
- interest
- intersection
- km kilometer/kilometre
- mL milliliter/millilitre
- number
- P() probability
- parallel symbol
- pi
- ratio
- repeating decimal overbar
- second (SI metric)
- triangle
- volume

RIT Score Range: 231–240

- [] square brackets
- || absolute value
- area
- BC
- circumference
- congruent segment symbol
- diameter
- $f(x)$ the value of the function f at x
- is congruent to
- outlier
- per
- radius
- square root symbol

RIT Score Range: 241–250

- base
- cubic centimeter/centimetre
- LCM lowest common multiple
- liter/litre
- NNE north northeast
- north
- ray symbol
- south
- sq in. square inch
- 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
- congruent angle symbol
- factorial
- parallel line arrow markers
- perpendicular to
- SAS side angle side
- similar to
- square root of -1
- SSA side side angle

- SSS side side side

RIT Score Range: 261–270

- cos cosine
- principal
- rate
- sin sine
- tan tangent

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
- Celsius
- Cl (Chlorine)
- CO (carbon monoxide)
- Co (Cobalt)
- CO₂ (carbon dioxide)
- Cr (chromium)
- Cs (Cesium)
- Cu (Copper)
- decimal point
- degrees
- flow of energy (food chains)
- H₂ (hydrogen molecule)

- Hydrogen
- K (potassium)
- Mg (magnesium)
- Na (sodium)
- Nitrogen
- NO₃ (nitrate)
- O₂ (oxygen molecule)
- Oxygen
- Pb (lead)
- Potassium

RIT Score Range: 221–230

- Acceleration
- Force
- Gram
- kg kilogram
- leads to (geochemical cycle)
- mass
- mL milliliter/milliliter
- pH

RIT Score Range: 231–240

- negative

Science, Concepts and Processes

RIT Score Range: 171–180

- cent sign
- east
- north
- south
- west

RIT Score Range: 211–220

- cubic centimeter/centimetre
- foot
- gram
- inch
- sec second

RIT Score Range: 191–200

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

RIT Score Range: 221–230

- min minute
- mL milliliter/millilitre

RIT Score Range: 201–210

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