

# Signs and Symbols

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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

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- ( ) ordered pair
- { } set notation
- cup
- gal gallon
- long division symbol
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- 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

- H<sub>2</sub>O
- sulfur

### RIT Score Range: 211–220

- C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> (glucose)
- Ca (Calcium)
- Carbon
- Celsius
- Cl (Chlorine)
- CO (carbon monoxide)
- Co (Cobalt)
- CO<sub>2</sub> (carbon dioxide)
- Cr (chromium)
- Cs (Cesium)
- Cu (Copper)
- decimal point
- degrees
- flow of energy (food chains)
- H<sub>2</sub> (hydrogen molecule)

- Hydrogen
- K (potassium)
- Mg (magnesium)
- Na (sodium)
- Nitrogen
- NO<sub>3</sub> (nitrate)
- O<sub>2</sub> (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)