

A

Vocabulary

Appendix A contains NWEA’s assessment vocabulary for reading, language usage, mathematics, science concepts and processes, and general science. Within each subject area of DesCartes, vocabulary is 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 words may need to be introduced into the curriculum for this subject area based on all NWEA data.

Reading

RIT Score Range: 141–150

- ABC order
- beginning sound
- vowel

RIT Score Range: 151–160

- advertisement
- business letter
- ending sound
- fable
- journal
- legend
- list
- opposite
- outline
- rule
- short story
- synonym
- thank-you note
- title

RIT Score Range: 161–170

- atlas
- bias
- biography
- chapter

- compound word
- contraction
- cookbook
- describe
- dictionary
- fairy tale
- folk tale
- index
- main idea
- note
- nursery rhyme
- personal narrative
- prefix
- problem
- sign
- suffix
- table of contents
- title page
- word family

RIT Score Range: 171–180

- announcement
- antonym
- instructions
- main character
- make-believe
- newspaper
- nonfiction

- plot
- point of view
- root word
- schedule
- science fiction
- setting
- syllable
- tall tale
- textbook

RIT Score Range: 181–190

- acronym
- advertise
- almanac
- American literature
- anecdote
- anthology
- aphorism
- argue
- autobiography
- bibliography
- book review
- brochure
- caption
- category
- characteristics
- conclusion
- context
- conversation
- description
- diary
- drama
- entertain
- excerpt
- fact and opinion
- fiction
- foreshadowing
- glossary
- graphic organizer
- guide words
- historical fiction
- homonym
- inform
- job announcement
- labels

- literature
- magazine
- main point
- manual
- memoir
- moral
- multisyllabic
- myth
- narrator
- news
- novel
- one-act play
- persuade
- persuasion
- picture book
- poet
- policy
- problem and solution
- purpose
- recipe
- reference book
- reference material
- reports
- resolution
- resource
- rhythm
- rising action
- satire
- science book
- speaker
- stanza
- summarize
- syllogism
- thesaurus
- topic
- topic sentence
- Venn diagram
- vocabulary

RIT Score Range: 191–200

- annotated bibliography
- editorial
- footnote
- metaphor
- middle sound

- summary
- word root

RIT Score Range: 201–210

- alliteration
- assonance
- assumption
- British literature
- characterize
- chronological
- conflict
- consonance
- coupon
- debate
- exaggeration
- exposition
- falling action
- field guide
- flashback
- headline
- instruction
- irony
- literary device
- literary element
- memorandum
- narrate
- order of events
- parable
- persuasive
- present tense
- primary source historical document
- pun
- quote
- reference
- research paper
- scene
- secondary source
- speech
- tale
- thesis paper
- word play
- world and ancient literature
- world literature

RIT Score Range: 211–220

- allusion
- appendix
- characterization
- contrast
- extended metaphor
- guide letters
- homophone
- oxymoron
- resolve
- suspense

RIT Score Range: 221–230

- archetype
- contradict
- first person
- iambic pentameter
- metric feet
- omniscient
- paradox
- pathetic fallacy
- second person
- sonnet
- standard English
- stereotype
- supporting details
- symbolism
- symbolize
- third person
- viewpoint

RIT Score Range: 231–240

- antithesis
- metonymy
- scansion
- synecdoche

Language Usage

RIT Score Range: 151–160

- list

RIT Score Range: 161–170

- capital letter
- comma
- command
- comparative
- contraction
- cookbook
- essay
- exclamation
- exclamation mark
- exclamation point
- invitation
- mark
- noun
- period
- play
- punctuation
- question mark
- sentence fragment
- sign
- superlative
- thank you note
- where
- word order

RIT Score Range: 171–180

- action verb
- apostrophe
- capitalize
- date
- edit
- greeting
- past tense
- possessive
- proofread
- to describe

RIT Score Range: 181–190

- address
- adverb
- advertise
- argument
- audience
- autobiography
- bibliography
- book report
- book title
- chronological order
- closing
- colon
- compound sentence
- creative writing
- description
- diary
- drama
- ending
- exclamatory sentence
- expository writing
- fiction
- figurative language
- formal essay
- friendly letter
- grammar
- graphic organizer
- heading
- hyphen
- indent
- introduction
- literary analysis
- main topic
- manual
- margin
- memo
- mystery
- novel
- persuasive writing
- plural
- proper noun
- punctuate

- quotation
- quotation mark
- review
- revision
- run-on sentence
- salutation
- semicolon
- signature
- singular
- stanza
- subject-verb agreement
- supporting detail
- tense
- to entertain
- to inform
- to persuade
- topic
- topic sentence
- verb phrase
- when

RIT Score Range: 191-200

- abbreviation
- classified ad
- clause
- descriptive writing
- editorial
- expository
- formal language
- format
- freewrite
- future tense
- imperative sentence
- interjection
- journalism
- letter closing
- main clause
- main heading
- narrative writing
- part of speech
- predicate
- proofreading
- resumé
- simple sentence
- slang

- word choice

RIT Score Range: 201–210

- abstract
- active voice
- adjective clause
- adjective phrase
- adverb clause
- alliteration
- analyze
- antecedent
- argumentative
- argumentative essay
- capitalization
- caret
- cliché
- cluster
- common noun
- complex sentence
- compound-complex sentence
- conjunction
- declarative sentence
- dependent clause
- direct object
- direct quotation
- exposition
- expository essay
- gerund
- humor
- hyperbole
- independent clause
- infinitive phrase
- informative essay
- interrogative sentence
- introductory sentence
- irregular verb
- language
- linking verb
- main verb
- modifier
- noun clause
- noun phrase
- onomatopoeia
- parallelism

- parentheses
- parody
- participial phrase
- persona
- personification
- plural possessive
- preposition
- prepositional phrase
- present tense
- prewrite
- prewriting
- process essay
- rough draft
- singular noun
- subordinate clause
- thesis statement
- tone
- transition
- verse
- visualize

- epic poem
- expository paragraph
- formal outline
- how-to essay
- infinitive
- italics
- literary response
- persuasive argument
- plagiarize
- predicate noun
- reflexive pronoun
- symbolism
- tragedy
- works cited

RIT Score Range: 231–240

- appositive
- objective pronoun
- supporting evidence

RIT Score Range: 211–220

- comma splice
- contrast
- documentation
- fragment
- journalistic
- limerick
- organization
- paraphrase
- participial
- participle
- present participle
- to explain

RIT Score Range: 221–230

- allegory
- analysis
- application
- colloquialism
- compose
- dash
- diction
- ellipsis

Mathematics

RIT Score Range: 151-160

- half
- tallest

RIT Score Range: 161–170

- add
- addend
- corner
- counting order
- cylinder
- difference
- dollar
- double
- fewest
- flat
- longest
- most
- number sentence
- numeral
- rectangle
- shortest
- sum
- tall

RIT Score Range: 171 –180

- before
- between
- diamond
- dollar sign
- eighth
- eleventh
- fact family
- fewer
- fifth
- first
- geometric figure
- greater
- greater than
- hundred
- largest

- less
- less than
- line segment
- metric
- morning
- multiply
- ninth
- ones
- ounce
- outside
- penny
- pound
- quart
- quarter
- seventh
- similar
- square unit
- subtract
- taller
- tens
- tenth
- term
- thousand
- total
- whole number

RIT Score Range: 181-190

- clockwise
- closest
- coins
- consecutive
- cost
- cup
- digit
- dozen
- equivalent
- estimation
- even number
- flip
- fourth
- fourths

- fraction
- gallon
- grid
- half past
- hundred thousand
- hundreds
- line
- line of symmetry
- lowest
- millimeter
- million
- most likely
- most often
- nearest
- nickel
- noon
- number statement
- numeric form
- o'clock
- odd number
- one
- pint
- quarter past
- quarter to
- rectangular solid
- rod
- round
- row
- set
- smallest
- spinner
- symmetrical
- symmetry
- tablespoon
- teaspoon
- ten
- ten thousand
- third
- thirds
- thousandth
- ton
- turn
- unifix cubes
- value
- yard

RIT Score Range: 191–200

- approximate
- billion
- capacity
- composite number
- decade
- deposit
- diagonal
- face
- Fahrenheit
- hundred million
- hundredths
- inside
- intersect
- kite
- latest
- line graph
- longer
- operation
- parallel
- pentagon
- perpendicular
- plane
- polygon
- prime number
- proportion
- quintillion
- rectangular
- regroup
- rename
- rhombus
- same shape
- skew
- square inch
- standard numeral
- straight
- subtrahend
- thousands
- trillion
- vertical line
- zero

RIT Score Range: 201–210

- above
- annual
- bar graph
- below
- circle graph
- circumference
- common multiple
- commutative
- compatible numbers
- coordinate
- coordinate point
- cubic centimeter
- cubic unit
- decameter
- decimeter
- dice
- divisible
- edge
- expanded numeral
- fold
- half-dollar
- heads
- hectometer
- hundred thousands
- hundredth
- integer
- inverse operation
- kilowatt
- less likely
- magic square
- mathematical statement
- maximum
- meters per second
- miles per gallon
- milligram
- milliliter
- minimum
- mirror image
- mixed number
- mixed numeral
- multiple
- multiplication sentence
- octagon
- ordered pair

- origin
- parallel line
- place value
- plus
- probability
- prove
- quadrilateral
- rectangular box
- regular polygon
- remainder
- square centimeter
- square mile
- square number
- ten thousands
- times
- times table
- trapezoid
- twice
- vertex
- wide

RIT Score Range: 211–220

- acute angle
- centimeters per inch
- century
- combinations
- common factor
- congruent angle
- decimal
- decimal form
- decimal point
- dilation
- dividend
- enlargement
- expression
- factor tree
- fastest
- fitted line
- geometric solid
- greatest common factor
- interest
- likelihood
- line of best fit
- line plot
- lowest terms

- mean
- micrometer
- negative
- number cube
- obtuse angle
- outcome
- perpendicular line
- positive
- positive linear relationship
- proof
- protractor
- reduce
- Roman numeral
- scatter plot
- square meter
- standard form
- straight angle
- systematic list
- tails
- tally
- three-dimensional
- transformation
- translation
- triple
- union
- vertical angle
- cubic meter
- cubic millimeter
- cubic yard
- distributive
- equilateral
- expanded notation
- experimental probability
- exponent
- frequency table
- half hour
- heaviest
- interior angle
- isosceles triangle
- least common denominator
- lightest
- lowest common denominator
- median
- midpoint
- mode
- net
- obtuse triangle
- partial product
- pi
- range
- real number
- rectangular shape
- reflexive
- right triangle
- scale factor
- scalene triangle
- short
- shorter
- substitution
- sum of measures
- supplementary
- survey
- tax
- ten million
- ten thousandth
- tenths
- theoretical probability
- thousandths
- transitive
- whole

RIT Score Range: 221–230

- 5-frame
- absolute value
- algebra
- algebraic equation
- arc
- associative
- borrow
- center
- central angle
- cents per mile
- common denominator
- compute
- congruent side
- cord
- cubic feet
- cubic inch
- cubic meter
- cubic millimeter
- cubic yard
- distributive
- equilateral
- expanded notation
- experimental probability
- exponent
- frequency table
- half hour
- heaviest
- interior angle
- isosceles triangle
- least common denominator
- lightest
- lowest common denominator
- median
- midpoint
- mode
- net
- obtuse triangle
- partial product
- pi
- range
- real number
- rectangular shape
- reflexive
- right triangle
- scale factor
- scalene triangle
- short
- shorter
- substitution
- sum of measures
- supplementary
- survey
- tax
- ten million
- ten thousandth
- tenths
- theoretical probability
- thousandths
- transitive
- whole

RIT Score Range: 231–240

- acute triangle
- algebraic sentence
- arithmetic progression
- box-and-whisker plot
- chord
- commission
- corresponding side
- cubed
- data point
- depreciate
- discount
- ellipse
- equality
- equation of a line
- equiangular triangle
- hypotenuse
- identity element
- interquartile range
- linear graph
- lower quartile
- mathematical sentence
- matrix
- meters per minute
- middle
- miles per second
- minus
- outlier
- parabola
- percentile
- prime factor
- prime factorization
- quartile
- regression equation
- regression line
- representative sample
- scientific notation
- secant
- square pyramid
- square region
- successive
- tangent
- tenth power
- tripled
- unit price

- upper quartile

RIT Score Range: 241–250

- adjacent angle
- algebra tile
- alternate exterior angle
- alternate interior angle
- circular
- congruent triangle
- construction
- converse
- correlation
- domain
- endpoint
- equilateral pyramid
- feet per second
- function table
- hyperbolic
- incline
- infinite
- inscribe
- least common multiple
- linear foot
- linear pair
- mileage table
- number sequence
- point of intersection
- polynomial
- Pythagorean theorem
- quadrupled
- rectangular area
- sample space
- semicircle
- simultaneous equations
- solution set
- square kilometer
- square yard
- squared
- stem and leaf plot
- symmetric
- system of equations
- transversal
- x-axis
- y-axis
- y-intercept

RIT Score Range: 251–260

- bisect
- centroid
- coefficient
- collinear
- complex
- conditional statement
- coordinate plane
- counterexample
- cross-section area
- discriminant
- empty set
- exterior angle
- geometric series
- isosceles trapezoid
- line symmetry
- linear
- nonhorizontal
- nonvertical
- pair
- point symmetry
- quadratic equation
- regular hexagon
- regular pentagon
- relation
- right cylinder
- right pyramid

- rotational symmetry
- slant height
- undefined
- wider
- x-coordinate
- x-intercept
- y-coordinate

RIT Score Range: 261–270

- adjacent side
- compound interest
- cosecant
- cosine
- decagon
- non-repeating decimal
- opposite side
- rational number
- repeating
- repeating decimal
- semi-annual
- sine
- trigonometric function
- trigonometric relationship

RIT Score Range: 271–280

- bisector

Science, General Science

RIT Score Range: 161-170

- animal
- bird
- egg

RIT Score Range: 171-180

- air
- Alpha Centauri
- amphibian
- bean
- body
- branch
- breathe
- bud
- caterpillar
- cloud
- coal
- (pine) cone
- cool
- cycle
- daytime
- desert
- dew
- drown
- Earth
- fall
- fish
- float
- flower
- fog
- forest
- fruit
- gasoline
- gill
- grow
- hail
- hatch
- hibernate
- hot
- ice
- jungle

- leaf
- liquid
- mammal
- Moon
- mountain
- natural part
- neck
- need
- ocean
- Orion
- plant
- Pole Star
- protect
- pull
- push
- reptile
- rock
- root
- season
- seed
- seedling
- shell
- shoulder
- skin
- sleet
- smog
- snow
- soil
- spring
- stage
- star
- stem
- summer
- Sun
- temperature
- time
- tree
- turtle
- waist
- weather
- wind
- worm

RIT Score Range: 181-190

- absorb
- active
- alive
- anemometer
- assume
- atmosphere
- attract
- autumn
- backbone
- bacteria
- balance (scale)
- bank
- barometer
- beach
- beak
- body of water
- bone
- bug
- bush
- calorie
- carnivore
- cavities
- clam
- cold-blooded
- condensation
- conservation
- core
- crust
- crystal
- day
- daylight
- deciduous forest
- degree
- disappear
- drink
- earthquake
- efficiency
- electricity
- enemy
- energy
- evaporation
- feather
- feel
- flat
- fossil
- friction
- fungus
- gas
- grain
- gravity
- hair
- hear
- heart
- height
- herb
- herbivore
- hind
- hydrometer
- hygrometer
- inch
- inertia
- insect
- intestines
- iron
- Jupiter
- knee
- land
- large
- length
- life cycle
- light
- living
- load
- lung
- magnet
- magnetic field
- magnetism
- magnifying glass
- mantle
- map
- Mars
- measure
- measuring cup
- Mercury (planet)
- metal
- meter
- milk
- minute
- mold
- moss

- mouth
- natural resource
- nectar
- night
- nutrient
- observe
- ocean floor
- planet
- Pluto
- polarization
- polluted
- pollution
- precipitation
- pump
- rainforest
- recycle
- revolve
- rib
- round
- salt
- sand
- Saturn
- scale
- seasonal change
- see
- sense
- shadow
- (egg) shell
- shrub
- sight
- signal
- sleep
- smell
- solar system
- solid
- sound
- spring scale
- steam
- stomach
- stone
- store
- stream
- structure
- sunlight
- surface
- swim

- tar
- taste
- thermometer
- tilt
- toadstool
- tool
- touch
- unit of measure
- Uranus
- vine
- vitamin
- water cycle
- water vapor
- winter
- wood
- woods
- work

RIT Score Range: 191–200

- abdomen
- adapt
- adaptation
- aluminum
- antenna
- asteroid
- atom
- attraction
- axis
- bark
- blood
- body part
- body segments
- boil
- brass
- breeze
- bristle
- camouflage
- cat
- cell
- cephalothorax
- change
- characteristic
- circulation
- circulatory system
- classification

- classify
- claw
- climate
- close
- cohesion
- color
- comet
- complete (circuit)
- condense
- constant
- consumer
- container
- copper
- Coriolis force
- crack
- cross section
- cubic
- decay
- defense
- developmental sequence
- diagram
- digestion
- digestive system
- direct (sunlight)
- direction
- dissolve
- distance
- down
- draft
- dust
- Earth's surface
- echo
- electrical conductor
- electrical energy
- electrical force
- electromagnetism
- energy source
- environment
- equilibrium
- erosion
- esophagus
- evaporate
- exercise
- experimentation
- explanation
- extinct
- farming
- feline
- field
- fire
- flood
- food chain
- food web
- force
- form
- four-chambered heart
- freeze
- fulcrum
- function
- galaxy
- gale
- gather
- geographic area
- glacier
- granite
- gravitational force
- ground
- ground wire
- group
- growth
- gust
- habitat
- heat energy
- hibernation
- hide
- high-pitched
- host
- humidity
- hunger
- hydrogen
- hypothesize
- inference
- ingestion
- internal
- intestine
- invertebrate
- larva
- latitude
- lava
- layer
- lever
- lightning

- lignite
- low
- low-pitched
- lubricant
- magma
- mass
- matter
- meat-eater
- melt
- migrate
- migration
- mimicry
- mineral
- mix
- molecule
- month
- moon (satellite)
- motion
- movement
- muscular system
- mushroom
- natural event
- nebula
- Neptune
- nickel
- nitrogen
- nocturnal
- nymph
- observation
- obsidian
- obtain
- ocean current
- oil
- order
- organism
- parasite
- particle
- petal
- photosynthesis
- pitch
- plant-eater
- Polaris
- predator
- prevailing wind
- prey
- producer
- protection
- protective coloration
- pupa
- rate
- reflect
- relationship
- repel
- reproduce
- reproduction
- reproductive system
- respiratory system
- response
- rest
- rotate
- running water
- scatter
- seed coat
- segment
- shape
- shelter
- simple circuit
- simple machine
- Sirius
- skeleton
- slate
- soft
- solution
- source
- spinal cord
- spines (bristles)
- spore
- stages of growth
- states of matter
- static electricity
- stratosphere
- substance
- support
- survive
- system
- thorax
- thunder
- tide
- tissue
- tornado
- turning point
- vapor

- Venus
- vertebrate
- vibration
- volcanic eruption
- volcano
- volume
- warm-blooded
- waste
- waterwheel
- wave
- wearing away/down
- weather cycle
- weathering
- wedge
- week
- weigh
- weight
- wind form
- wing
- year

RIT Score Range: 201-210

- absorption
- acid
- advantage
- air pressure
- air quality
- air resistance
- alcohol
- amphibious
- angstrom
- anus
- arthropod
- atomic structure
- balance (tool)
- ball-and-socket joint
- bar magnet
- base
- bill
- biome
- birth rate
- bladder
- blue-green algae
- body section
- body system
- bright
- broken (circuit)
- canyon
- cause
- cavern
- cell membrane
- cell theory
- cell wall
- cellular
- Celsius
- change over time
- chemical
- chemical property
- chemical weathering
- chlorophyll
- circuit
- circuit breaker
- circuit overload
- circulate
- collide
- column
- commodity
- communication
- community
- compaction
- compass
- compass needle
- competition
- complete metamorphosis
- composition
- compound
- compound machine
- conduct
- conductor
- constellation
- consume
- contract
- convert
- crater
- crustacean
- cytoplasm
- dam
- death rate
- decomposer
- density
- descendant

- detergent
- develop
- development
- diffuse
- digest
- discharge
- distilled water
- DNA
- east
- echinoderm
- ecological cycle
- ecology
- ecosystem
- electric current
- electrical insulator
- electrical outlet
- electron
- element
- eliminate
- ellipse
- embryo
- equinox
- evidence
- evolution
- excrete
- exhale
- exoskeleton
- expand
- factor
- falling star
- fault line
- feet
- female
- fertilization
- filament
- fin
- fission
- fluctuate
- food supply
- foot
- forecast
- fossil fuel
- four-legged
- frost
- fungi
- funnel
- fuse
- fused (circuit)
- fusion
- gaseous
- generation
- generator
- genetics
- glaciation
- glass rod
- gravitational attraction
- greenhouse effect
- hand lens
- hardness
- hereditary information
- heredity
- horizontal
- hour
- human
- hypothesis
- igneous rock
- inclined plane
- individual consumption
- inert
- insulate
- insulation
- iodine
- irrigation
- jellyfish
- jointed leg
- kidney
- kilometer
- kilowatt hour
- kinetic
- kinetic energy
- landslide
- large intestine
- life zone
- light energy
- light switch
- light-year
- limiting factor
- litmus paper
- loss of water
- machine
- magnesium
- material

- measurement
- mercury (element)
- message
- metamorphic rock
- meteor
- meteorite
- meteorologist
- microscope
- mile
- minimize
- mitochondria
- mixture
- molecular motion
- mollusk
- muscle
- native
- natural gas
- negatively charged
- nervous system
- neutral
- neutron
- newton
- niche
- nitrogen cycle
- nitrogen dioxide
- nonmetal
- nova
- nuclear membrane
- nucleolus
- nucleus
- oil well
- omnivore
- orbit
- organ
- organ system
- osmosis
- ovary
- parallel circuit
- paramecia
- pattern
- percolating
- pest
- petrification
- phase
- physical union
- physical universe
- polar attraction
- polarize
- pole
- pollen
- pollination
- pollutant
- population
- porous rock
- potential energy
- power
- prairie dog
- pressure
- prism
- process
- protein
- proton
- pulley
- radical
- rainfall
- reagent
- red blood cell
- refract
- regulate
- relative age
- remains
- respiration
- respiratory
- ribosome
- river
- rock cycle
- rock layer
- rodent
- room temperature
- row
- sand dune
- saturation
- scale (skin)
- scales
- scientist
- screw
- sea
- sea level
- sediment
- sedimentary rock
- sedimentation
- seismograph

- selenium
- series circuit
- set
- sewage
- silver
- sinkhole
- size
- skeletal system
- skull
- sky
- slide
- slope
- small intestine
- social
- solute
- solvent
- sound energy
- sour
- source of energy
- space
- species
- spectrum
- speed
- speed of light
- speed of sound
- sperm
- sphere
- sponge
- state
- stationary
- sublimation
- succession
- sugar
- sulfur dioxide
- sulfur/sulphur
- surface area
- survival
- switch
- symbiosis
- synthesis
- texture
- thaw
- thermos jug
- tidal wave
- tin
- transpiration

- transport
- turbine
- umbilical cord
- unicellular
- unit
- uranium
- urinary bladder
- uterus
- vacuole
- vaporize
- variation
- vegetation
- vertical row
- vibrate
- visible
- vocal cords
- waste materials
- waste product
- water pressure
- water supply
- web
- well
- wheel and axle
- wind speed
- wire
- yeast
- yolk sac

RIT Score Range: 211-220

- abyssal floor
- abyssal plain
- agent
- air mass
- air pollution
- algae
- alpha particle
- amber
- anatomy
- angle
- animal cell
- annelida
- area of influence
- arm (parts of balance)
- artesian well
- arthropoda

- ash
- atmospheric pollution
- atoll
- atomic energy
- atomic mass
- atomic number
- average atomic mass
- balance
- basalt
- base (parts of balance)
- battery
- behavior
- beta particle
- biomass
- body fat
- boiling point
- boundary
- brake
- bulb
- burrow
- calcium
- capillary
- carbon
- cell division
- centi-
- centimeter
- centriole
- change of phase
- change of state
- chemical bond
- chemical change
- chemical energy
- chemical reaction
- chemistry
- chest
- chlorine
- chloroplast
- chromosome
- circuit tester
- cirrus
- cleavage
- closed container
- cnidaria
- cold front
- colony
- commensalism
- conception
- conduction
- coniferous tree
- constitute
- continental margin
- continental shelf
- continental slope
- convection
- convector
- crossing over
- crustal plate
- current
- cyclone
- decompose
- deep-water zone
- dehydrate
- dense
- deposit
- deposition
- determine
- dewdrop
- diet
- dimmer (electrical)
- disease
- dominant
- dry cell battery
- dry ice
- duplicate
- ear
- Earth process
- Earth's crust
- echinodermata
- effort
- electrical field
- electrical shock
- electrical wire
- electron affinity
- endoplasmic reticulum
- environmental condition
- enzyme
- erode
- excretory system
- explosion
- expression
- external appendage
- eye of a hurricane

- fair (weather)
- fat
- faulting
- fertilized
- first class lever
- fixed orbit
- flow of heat
- fluorine
- focal length
- focal point
- folding
- food pyramid (ecological)
- formation
- formula
- freezing point
- frequency
- fresh water
- front
- full moon
- gastrulation
- gear
- gene
- gene frequency
- gene pool
- genetic material
- genotype
- gestation
- geyser
- glucose
- gram
- gravitational field
- ground water
- Halley's Comet
- heart disease
- heat transfer
- helium
- humid
- hurricane
- icicle
- identify
- igneous
- illumination
- implantation
- infection
- infectious disease
- infrared
- inherited
- inner core
- instrument
- insulator
- interaction
- interphase
- interrelationship
- involuntary responses
- ion
- isotope
- kelp
- lichen
- limestone
- limited resources
- liter
- lithium
- live birth
- liver
- long-range effect
- lubricate
- lymphatic system
- magnetic
- marble
- mass number
- mate
- measurable
- meiosis
- melting point
- mercury barometer
- mercury thermometer
- meteoroid
- metric unit
- microorganism
- mid-ocean ridge
- Milky Way Galaxy
- millennium
- milli-
- mitosis
- model
- moisture
- mollusca
- mutation
- mutualism
- NASA
- natural resources
- new moon

- nonliving
- nonrenewable
- Northern Hemisphere
- nuclear
- nuclear explosion
- nuclear power
- oak
- ore
- organelle
- ounce
- outer core
- overcrowding
- overgrowth
- overpopulate
- overweight
- ovulation
- ovule
- pan (parts of balance)
- parasitism
- parent material
- pendulum
- penetrate
- per
- period of revolution
- Periodic Table of the Elements
- petrified wood
- petroleum
- phase change
- phenotype
- phylum
- physical change
- physical environment
- pigment
- pistil
- plains
- plant cell
- plasma
- plate
- platelet
- polar bear
- population growth
- position
- positively charged
- prediction
- preserve
- property
- proportion
- protoplasm
- protozoa
- pumice
- radiation
- radiator
- radioactive waste
- ray
- react
- reaction
- recessive
- recycling
- reef
- reflection
- refraction
- region
- renewable
- renewable energy
- renewable resource
- replacement
- reservoir
- resource
- rift valley
- S.I. system
- salinity
- satellite
- saturation point
- scale (tool)
- sea floor
- sea otter
- sea urchin
- seamount
- seawater
- section
- sedimentary
- selective breeding
- sex
- shale
- shallow-water zone
- single-celled
- sodium
- solar
- solubility point
- spectroscope
- stamen

- stigma
- stress
- sublimate
- sublimation point
- submerge
- symbol
- synthesize
- taxonomy
- tectonic plate
- test
- tidal
- tidal forces
- tide action
- trace elements
- trait
- transmission
- trench
- tropical forest
- tube
- ultraviolet
- undisturbed
- vacuum
- valence
- valley
- vein
- vertical
- virus
- visible spectrum
- warm front
- watt
- wave action
- wavelength
- white blood cell
- white dwarf
- wildflower
- altitude
- amino acid
- amoeba
- amplitude
- appendix
- aquifer
- asteroid belt
- bacteria of decay
- blood sugar level
- blow
- brain
- breccia
- brittle
- carbohydrate
- catalyst
- cellular respiration
- cellulose
- center of gravity
- centrifugal force
- charge
- charged
- charged particle
- chemical equation
- chitin
- cilia
- class (taxonomy)
- classification system
- coefficient
- conjugation
- conservation biologist
- conservation of mass
- conserve
- convect
- convergent plate boundary
- corrosion
- cosmic rays
- cover crop
- cumulus
- Darwin
- DDT
- delta
- diffusion
- divergent plate boundary
- Dmitri Mendeleev
- ecological relationship

RIT Score Range: 221-230

- abiotic factor
- acid rain
- active transport
- additive
- adrenalin
- algal bloom
- alternating circuit
- alternative energy source
- altitude
- amino acid
- amoeba
- amplitude
- appendix
- aquifer
- asteroid belt
- bacteria of decay
- blood sugar level
- blow
- brain
- breccia
- brittle
- carbohydrate
- catalyst
- cellular respiration
- cellulose
- center of gravity
- centrifugal force
- charge
- charged
- charged particle
- chemical equation
- chitin
- cilia
- class (taxonomy)
- classification system
- coefficient
- conjugation
- conservation biologist
- conservation of mass
- conserve
- convect
- convergent plate boundary
- corrosion
- cosmic rays
- cover crop
- cumulus
- Darwin
- DDT
- delta
- diffusion
- divergent plate boundary
- Dmitri Mendeleev
- ecological relationship

- effect
- electric
- embed
- energy releasing process
- erupt
- estrogen
- extrusive
- family
- fault
- fault zone
- fermentation
- fiber
- flagella
- flatworm
- flow
- follicle-stimulating hormone
- fracture
- fuel
- genus
- gold
- grams
- grassland
- guard cell
- high
- holdfast
- hormone
- hydroelectric power
- inorganic
- insulin
- intensity
- ionic
- iron filings
- kilogram
- kingdom
- law of conservation of mass
- law of gravity
- Leeuwenhoek
- Linnaeus
- lipids
- location
- locomotion
- lowland
- magnetize
- malleable
- metal plate
- metallic
- methane
- milliliter
- mineral content
- mudstone
- multiplication
- negative
- neutralize
- Newton's first law of motion
- Newton's second law of motion
- Newton's third law of motion
- nimbus
- nuclear energy
- nuclear fission
- nuclear reaction
- nuclear reactor
- nucleic acid
- oceanic crust
- offspring
- oil deposit
- pancreas
- parabola
- parathormone
- Pasteur
- pH
- phosphate
- phosphorous
- phototropism
- physical
- plant cell wall
- plant matter
- plasmodium
- prehistoric
- product
- protist
- pseudopod
- purebred
- radiate
- random
- rate of entry
- reactant
- reaction force

- reactor site
- reduction division
- rock face
- runoff
- sample
- San Andreas fault
- sandstone
- Schwann
- seashell
- second
- separate
- settle
- shore
- sift
- sodium chloride
- solar power
- star cluster
- starch
- steel
- stinging cell
- stomate
- stored energy
- stratus
- streak (test)
- subdivision
- subduction boundary
- subsoil
- substratum
- surface wind
- thunderhead
- tidal power
- transfer
- transportation
- tundra
- uncharged
- vestigial structure
- volcanic action
- xylem
- coelenterata
- conglomerate
- daughter cell
- decibel
- deep-sea trench
- divide
- ebb tide
- electrochemical impulse
- flood tide
- genetic structure
- geotropism
- germination
- hertz
- high pressure system
- high tide
- joule
- liverfluke
- loudness
- low tide
- lysosome
- maturation
- nematoda
- neuron
- neurotransmitter
- overtone
- phagocytosis
- phenolphthalein
- pinocytosis
- pioneer (plant)
- pioneer vegetation
- platyhelminthes
- primary consumer
- protein synthesis
- red tide
- release
- secondary consumer
- sequence
- siltstone
- specialized
- synapse

RIT Score Range: 231–240

- axon
- basic
- climate condition
- climax
- climax vegetation

RIT Score Range: 241–250

- plankton

Science, Concepts and Processes

RIT Score Range: 171-180

- after
- before
- belong
- cause
- change
- compare
- direction
- find out
- order
- rank
- represent
- scale (tool)
- science
- shape
- technology
- time
- variable
- weigh

RIT Score Range: 181–190

- accurate
- balance (tool)
- chart
- common
- conclude
- determine
- effect
- estimate
- expect
- experiment
- feel
- feet (measurement)
- form
- graph
- group
- have in common
- height
- information
- length

- magnifying glass
- matter
- measure
- measurement
- metric ruler
- observation
- observe
- operational definition
- probable reason
- question
- reason
- record
- report
- ruler
- scientist
- see
- sense
- taste
- telescope
- temperature
- thermometer
- tool
- touch

RIT Score Range: 191-200

- average
- Celsius
- centimeter
- classify
- computer
- conclusion
- condition
- constant
- control variables
- cycle
- cyclic pattern
- data
- day
- degree
- diagram
- direct observation

- distance
- evolution
- experimental result
- extend
- fact
- field
- gradual change
- hand lens
- hypothesis
- identify
- image
- infer
- interact
- interaction
- investigation
- (data) log
- magnifying lens
- material
- microscope
- model
- notes
- opinion
- pattern
- perception
- predict
- prediction
- process
- quantification
- quantify
- regular pattern
- reliable
- result
- scientific theory
- second
- seeing
- senses
- sequence
- series
- situation
- size
- support
- table
- theory
- volume
- weight

RIT Score Range: 201–210

- absolute knowledge
- affect
- apparent size
- appear
- area
- arrangement
- balance (equilibrium)
- chance
- characteristic
- claim
- communicate
- describe
- design
- discard
- disequilibrium
- equilibrium
- evaluate
- evidence
- evolutionary change
- evolve
- explain
- explanation
- extinct
- factor
- fair test
- field of view
- gather
- generalization
- gradient
- graduated cylinder
- hold constant
- imbalance
- inaccessible
- inference
- instrument
- interpret data
- investigate
- justify
- level
- mass
- meter stick
- observable
- orderly
- physical model

- precise
- predictable
- problem
- purpose
- quality
- quantity
- random group
- reject
- replicate
- research
- reversible
- scale (measurement)
- scale (size)
- scientific law
- scientific model
- significant
- system
- test
- thermostat
- time interval
- trial-and-error procedure
- unfair test
- unit
- valid
- wave

RIT Score Range: 211–220

- beaker
- coincidence
- column
- cyclic
- cyclic phenomenon
- decrease
- dependent
- design experiment
- double-pan balance
- episodic
- evolutionary trend
- experimentation
- formulate model
- inconclusive
- increase
- indicate
- interval
- meter

- phenomena
- physical property
- precision
- probable
- quantitative
- random
- rate
- reading (as measurement)
- reasonable result
- regular increase
- regulated
- repeat
- replication
- reproduce
- scale model
- scaled up
- scientific evidence
- scientific principle
- testable
- theorize
- three-dimensional space
- trial
- two-dimensional space
- vary

RIT Score Range: 221–230

- assumption
- attraction
- control
- controlled experiment
- conversion
- dimensions
- factual
- finding (scientific)
- input
- intensity
- invalid (data)
- modification
- output
- procedure
- regular time interval
- replicable
- researcher
- scientific
- scientific method

- sense extender

RIT Score Range: 231–240

- cancellation
- qualitative
- significance
- validation