

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

- beginning sound
- letter
- narrative

RIT Score Range: 151–160

- ABC order
- book
- ending sound
- paragraph
- prefix
- report
- rhyme
- riddle
- sentence
- story

RIT Score Range: 161–170

- advertisement
- base
- compound word
- contraction
- directions
- fairy tale
- folk tale
- index

- list
- main idea
- note
- nursery rhyme
- opposite
- passage
- personal narrative
- poem
- problem
- question
- root
- setting
- sign
- syllable
- table of contents
- thank-you note
- vowel
- word family

RIT Score Range: 171–180

- announcement
- article
- atlas
- author
- author's purpose
- bias
- biography
- business letter

- category
- chapter
- character
- cookbook
- dictionary
- effect
- fable
- fact
- fantasy
- journal
- label
- main character
- make-believe
- newspaper
- nonfiction
- opinion
- outline
- persuasive essay
- root word
- rule
- schedule
- science fiction
- short story
- statement
- suffix
- tall tale
- textbook
- title
- title page

RIT Score Range: 181–190

- advertise
- almanac
- antonym
- bibliography
- cause and effect
- characteristics
- classify
- conclusion
- conflict
- definition
- describe
- encyclopedia
- fiction
- genre

- glossary
- historical fiction
- instructions
- invitation
- legend
- magazine
- manual
- mood
- moral
- multisyllabic
- order of events
- phrase
- play
- plot
- poet
- poetry
- point of view
- predict
- reference book
- resource
- source
- summarize
- text
- theme
- thesaurus
- topic sentence
- Venn diagram

RIT Score Range: 191–200

- American literature
- analogy
- argue
- caption
- chart
- climax
- compare
- compare and contrast
- description
- detail
- develop
- drama
- entertain
- essay
- example
- fact and opinion

- figure of speech
- footnote
- guide words
- infer
- inference
- inform
- job announcement
- labels
- main point
- memoir
- meter
- myth
- narrator
- news
- novel
- persuade
- policy
- purpose
- recipe
- resolution
- rhythm
- rising action
- science book
- speaker
- stanza
- synonym
- topic
- vocabulary
- word root

RIT Score Range: 201–210

- acronym
- alliteration
- anecdote
- annotated bibliography
- anthology
- argument
- assumption
- autobiography
- book review
- British literature
- brochure
- catalog
- chronological order
- conclude
- context

- conversation
- dialogue
- diary
- draft
- editorial
- evaluate
- exaggeration
- excerpt
- explain
- feeling
- field guide
- figurative language
- graph
- graphic organizer
- homonym
- literary device
- literary element
- map
- middle sound
- pamphlet
- personal essay
- persuasion
- problem and solution
- reference
- reference material
- research
- review
- satire
- scene
- secondary source
- sequence
- simile
- speech
- summary
- verb

RIT Score Range: 211–220

- allusion
- appendix
- cause
- characterization
- characterize
- chronological
- classified ad
- connotation
- coupon

- debate
- diagram
- exposition
- falling action
- flashback
- foreshadowing
- guide letters
- headline
- hyperbole
- idiom
- imagery
- instruction
- irony
- memo
- memorandum
- metaphor
- narrate
- onomatopoeia
- parable
- personification
- persuasive
- picture book
- prediction
- present tense
- primary source
- primary source historical document
- pun
- quote
- research paper
- resolve
- revision
- subject
- suspense
- thesis paper
- word play

RIT Score Range: 221–230

- aphorism
- assonance
- consonance
- contrast
- first person

- form
- homophone
- journalism
- literature
- quotation
- second person
- sonnet
- symbolism
- table
- tale
- term
- third person
- tone
- viewpoint
- voice
- world literature

RIT Score Range: 231–240

- archetype
- omniscient
- oxymoron
- paradox
- pathetic fallacy
- standard English
- stereotype
- symbolize
- syntax

RIT Score Range: 241–250

- cliché
- iambic pentameter
- metric feet
- synecdoche

RIT Score Range: 251–260

- antithesis
- parallelism
- scansion

- predicate
- publish
- punctuate
- revise
- run-on sentence
- semicolon
- signature
- singular
- stanza
- subject
- title
- to describe
- topic sentence
- where
- writing process

- fantasy
- fiction
- figurative language
- folk tale
- form
- future tense
- grammar
- graphic organizer
- imperative sentence
- introduction
- letter closing
- literary analysis
- main idea
- manual
- margin
- memo

RIT Score Range: 191-200

- abbreviation
- adjective
- adverb
- advertise
- argument
- article
- author's purpose
- bibliography
- biography
- book review
- cause and effect
- character
- classified ad
- clause
- compare
- compare and contrast
- composition
- conclusion
- creative writing
- data
- description
- descriptive writing
- dictionary
- drama
- ending
- explanation
- expository
- expository writing

- mood
- narrative writing
- nonfiction
- novel
- opinion
- persuasive writing
- plot
- proper noun
- quotation
- quotation mark
- research
- review
- revision
- rhyme
- salutation
- schedule
- science fiction
- setting
- subject-verb agreement
- tense
- textbook
- thesaurus
- to entertain
- to inform
- to persuade
- topic
- verb phrase
- when

Language Usage

RIT Score Range: 151–160

- sentence

RIT Score Range: 161–170

- capital letter
- comma
- command
- comparative
- date
- exclamation
- invitation
- letter
- mark
- paragraph
- period
- poem
- possessive
- question
- statement
- story
- superlative

RIT Score Range: 171–180

- advertisement
- apostrophe
- contraction
- cookbook
- directions
- edit
- essay
- exclamation mark
- exclamation point
- greeting
- phrase
- poetry
- pronoun
- proofread
- punctuation
- question mark
- report
- sequence

- short story
- sign
- spelling
- verb
- word order

RIT Score Range: 181–190

- action verb
- address
- audience
- body
- book report
- book title
- brainstorm
- business letter
- capitalize
- chronological order
- closing
- colon
- compound sentence
- detail
- diagram
- diary
- draft
- exclamatory sentence
- fact
- fairy tale
- friendly letter
- heading
- hyphen
- indent
- journal
- list
- main heading
- main topic
- narrative
- noun
- nursery rhyme
- outline
- passage
- past tense
- play
- plural

RIT Score Range: 201–210

antecedent
argumentative essay
author
autobiography
book
caret
chart
declarative sentence
definition
dependent clause
direct object
direct quotation
encyclopedia
explain
formal essay
formal language
format
freewrite
graph
informative essay
interrogative sentence
introductory sentence
legend
linking verb
literature
log
magazine
main verb
make-believe
mystery
myth
object
pamphlet
parentheses
prepositional phrase
present tense
sentence fragment
simile
singular noun

slang
subordinate clause
supporting detail
symbol
syntax
thank-you note
thesis statement
transition
word choice

RIT Score Range: 211–220

- abstract
- active voice
- alphabetical order
- analyze
- application
- appositive
- capitalization
- characteristics
- cluster
- comma splice
- common noun
- comparison
- complex sentence
- compound-complex sentence
- conjunction
- contrast
- documentation
- editorial
- exposition
- expository essay
- figure of speech
- fragment
- generalization
- how-to essay
- hyperbole
- idiom
- imagery
- independent clause
- infinitive phrase
- instructions
- interjection

- journalistic
- language
- limerick
- main clause
- main point
- metaphor
- modifier
- noun clause
- noun phrase
- onomatopoeia
- organization
- parallelism
- part of speech
- participial phrase
- participle
- persona
- personification
- plural possessive
- preposition
- present participle
- prewrite
- prewriting
- primary source
- problem and solution
- process essay
- purpose
- resumé
- rhetorical question
- rough draft
- simple sentence
- source
- summarize
- summary
- synonym
- theme
- to explain
- tone
- verse
- visualize
- voice

RIT Score Range: 221–230

- alliteration
- allusion
- analogy
- assonance
- cliché
- compose
- consonance
- expository paragraph
- irony
- literary device
- literary response
- paraphrase
- parody
- participial
- persuasive argument
- plagiarize
- predicate noun
- reflexive pronoun
- symbolism

RIT Score Range: 231–240

- appositive
- adjective clause
- adjective phrase
- adverb clause
- allegory
- analysis
- apostrophes
- chapter
- colloquialism
- dash
- ellipsis
- epic poem
- fable
- footnote
- formal outline
- gerund
- hypothesis
- infinitive
- italics
- nominative pronoun
- objective pronoun

- supporting evidence
- tragedy
- underlining
- works cited

RIT Score Range: 241–250

- anecdote

Mathematics

RIT Score Range: 151-160

- estimate
- half
- inch
- length
- most
- same
- shape
- size
- tallest

RIT Score Range: 161–170

- add
- addend
- centimeter
- circle
- cone
- corner
- cylinder
- equal
- feet
- flat
- largest
- longest
- more
- number
- number line
- number sentence
- pattern
- penny
- pyramid
- rectangle
- shortest
- sphere
- square
- tall
- triangle

RIT Score Range: 171 –180

- between

- cent
- count
- cube
- diamond
- dime
- divide
- dollar
- even number
- fact family
- factor
- fewest
- figure
- gram
- graph
- greater
- greater than
- hour
- hundred
- hundreds
- less than
- line segment
- metric
- minute
- model
- most likely
- multiply
- numeral
- one
- ones
- ounce
- outside
- perimeter
- pound
- quart
- represent
- similar
- square unit
- subtract
- sum
- table
- temperature
- ten

- tens
- thermometer
- thousand
- time
- total
- whole number

RIT Score Range: 181-190

- addition
- after
- angle
- area
- average
- before
- Celsius
- chance
- chart
- clock
- clockwise
- closest
- congruent
- cost
- counting order
- cup
- day
- degree
- distance
- divisible
- dozen
- equation
- estimation
- flip
- foot
- fourths
- fraction
- gallon
- geometric figure
- half past
- height
- kilometer
- large
- least
- less
- line
- line of symmetry

- liter
- lowest
- measure
- meter
- mile
- more than
- morning
- most often
- multiplication
- nickel
- noon
- o'clock
- odd number
- order
- pint
- point
- quarter
- rate
- rotation
- round
- row
- second
- sentence
- set
- seventh
- side
- slide
- smallest
- solve
- symmetry
- tablespoon
- taller
- teaspoon
- ten thousand
- tenth
- thirds
- turn
- unit
- width
- yard
- year

RIT Score Range: 191–200

- approximate
- coins

- composite number
- consecutive
- decade
- deposit
- diagonal
- diagram
- difference
- digit
- division
- dollar sign
- face
- fact
- Fahrenheit
- fewer
- first
- fourth
- greatest
- hundredth
- intersect
- kilogram
- latest
- line graph
- measurement
- miles per hour
- milliliter
- million
- nearest
- number statement
- operation
- parallel
- parallelogram
- percent
- perpendicular
- polygon
- prime number
- product
- quarter past
- quarter to
- ray
- rectangular prism
- rectangular solid
- right angle
- rise
- rod
- same shape
- scale
- sign
- spinner
- square inch
- subtraction
- subtrahend
- surface
- symbol
- thousands
- thousandth
- ton
- unifix cubes
- value
- vertical line
- weight
- what time
- zero

RIT Score Range: 201–210

- about how much
- acute angle
- altitude
- bar graph
- base
- below
- biggest
- billion
- capacity
- change
- circumference
- compatible numbers
- coordinate point
- cubic unit
- data
- decameter
- decimeter
- decrease
- double
- east
- equivalent
- expanded numeral
- fold
- greatest common factor
- grid
- how many more
- hundred million

- hundred thousand
- hundredths
- inside
- inverse operation
- kite
- larger
- less likely
- lowest common denominator
- magic square
- mass
- mathematical statement
- maximum
- miles per gallon
- milligram
- millimeter
- minimum
- mirror image
- mixed number
- multiple
- negative
- north
- number cube
- obtuse angle
- octagon
- ordered pair
- origin
- oval
- pentagon
- plane
- positive
- probability
- proportion
- quadrilateral
- random
- rectangular
- rectangular box
- regroup
- regular polygon
- rename
- rhombus
- rule
- ruler
- sequence
- skew
- speed

- square number
- standard numeral
- statement
- straight
- symmetrical
- ten thousands
- times
- trapezoid
- triple
- twist
- volume
- week
- when
- wide

RIT Score Range: 211–220

- above
- century
- circle graph
- column
- combinations
- common multiple
- commutative
- compare
- congruent angle
- cord
- date
- decimal
- decimal form
- decimal point
- diameter
- dice
- dilation
- evaluate
- factor tree
- fitted line
- formula
- function
- geometric solid
- heads
- hectometer
- high
- how many
- hundred thousands
- increase

- integer
- least common denominator
- likelihood
- line of best fit
- line plot
- lowest terms
- mean
- micrometer
- mileage table
- month
- odd
- parallel line
- perpendicular line
- place value
- plus
- proof
- property
- protractor
- prove
- quintillion
- radius
- ratio
- reduce
- reflection
- region
- remainder
- Roman numeral
- simplify
- smaller
- south
- square centimeter
- square feet
- square mile
- straight angle
- systematic list
- tails
- three-dimensional
- transformation
- translation
- triangular prism
- trillion
- union
- vertex
- vertical angle
- west

RIT Score Range: 221–230

- 5-frame
- absolute value
- algebra
- algebraic equation
- annual
- associative
- bill
- box-and-whisker plot
- center
- coin
- common denominator
- common factor
- compute
- constant
- coordinate
- cubic centimeter
- cubic feet
- cubic meter
- cubic millimeter
- cubic yard
- dimension
- distributive
- edge
- enlargement
- equilateral
- experimental probability
- expression
- fastest
- frequency table
- heaviest
- inequality
- interest
- isosceles triangle
- lightest
- longer
- mathematical sentence
- median
- middle
- midpoint
- mode
- net
- ninth
- obtuse triangle
- outcome

- partial product
- pi
- positive linear relationship
- predict
- prime factorization
- quadrant
- real number
- rectangular shape
- reflexive
- scalene triangle
- scatter plot
- shorter
- square meter
- standard form
- stem and leaf plot
- substitution
- survey
- ten million
- ten thousandth
- theoretical probability
- thousandths
- transitive
- twice
- frequency
- half hour
- horizontal
- how long
- how much time
- incline
- interior angle
- interval
- kilowatt
- long
- lower quartile
- magnitude
- matrix
- meters per minute
- minus
- opposite
- outlier
- parabola
- percentile
- power
- quadrupled
- range
- right triangle
- sample
- scale factor
- scale model
- scientific notation
- secant
- short
- slope
- solution
- square pyramid
- square region
- successive
- system of equations
- tangent
- tax
- tenth power
- tenths
- term
- tessellation
- tripled
- upper quartile
- vector
- vertical

RIT Score Range: 231–240

- acute triangle
- algebraic sentence
- arc
- arithmetic progression
- borrow
- chord
- congruent side
- convert
- corresponding angle
- corresponding side
- cross-section area
- cubed
- cubic inch
- data point
- discount
- ellipse
- equality
- expanded notation
- exponent

RIT Score Range: 241–250

- adjacent angle
- algebra tile
- alternate exterior angle
- alternate interior angle
- angle bisector
- average salary
- commission
- complementary angle
- conclusion
- congruent triangle
- construction
- converse
- correlation
- domain
- equation of a line
- equiangular triangle
- equilateral triangle
- function table
- hyperbolic
- hypotenuse
- infinite
- interquartile range
- least common multiple
- leg
- linear foot
- linear graph
- linear pair
- number sequence
- point of intersection
- precise
- prime factor
- Pythagorean theorem
- rectangular area
- regression equation
- semicircle
- series
- square yard
- squared
- sum of measures
- supplementary
- surface area
- symmetric
- times table
- valid

- velocity
- whole
- wider
- x-axis
- y-axis

RIT Score Range: 251–260

- central angle
- coordinate plane
- exterior angle
- feet per second
- heptagon
- hexagon
- how much
- inscribe
- polynomial
- quartile
- regular hexagon
- representative sample
- right cylinder
- right pyramid
- slant height
- slope-intercept form
- solution set
- square kilometer
- supplementary angle
- time-and-a-half
- transversal
- undefined
- variable
- x-coordinate
- y-coordinate
- y-intercept

RIT Score Range: 261–270

- adjacent side
- axis
- circular
- collinear
- cosecant
- cosine
- counterexample
- depreciate
- empty set

- geometric series
- line symmetry
- opposite side
- point symmetry
- regular pentagon
- rotational symmetry
- semi-annual
- sine
- trigonometric function
- trigonometric relationship
- x-intercept

RIT Score Range: 271–280

- axis of symmetry
- bisector
- decagon
- perpendicular bisector

RIT Score Range: 281–290

- exponential
- identity
- inverse
- log
- reciprocal

Science, Concepts and Processes

RIT Score Range: 161-170

- liquid

RIT Score Range: 171-180

- after
- before
- belong
- bird
- candle
- cause
- change
- compare
- count
- direction
- electricity
- energy
- find out
- flame
- flower
- gas
- match
- moving
- number
- order
- person
- plant
- rank
- represent
- rock
- scale (tool)
- science
- shape
- side
- solid
- Sun
- technology
- time

- tree
- variable
- water
- weigh

RIT Score Range: 181–190

- accurate
- air
- balance (tool)
- chart
- cold
- common
- conclude
- determine
- Earth
- effect
- energy source
- estimate
- expect
- experiment
- feel
- feet (measurement)
- field (meadow)
- fire
- food
- form
- form of matter
- freeze
- fuel
- gasoline
- graph
- gravity
- group
- grow
- have in common
- heat
- heat energy
- height
- hot
- information

- interaction
- length
- light
- magnifying glass
- matter
- measure
- measurement
- metric ruler
- Moon
- mountain
- move
- nonliving
- object
- observation
- observe
- oil
- operational definition
- organism
- people
- probable reason
- question
- radio
- reason
- record
- report
- rough
- ruler
- scientist
- see
- sense
- shelter
- sight
- size
- smell
- smooth
- soil
- solar
- sound
- sour
- steam
- switch
- taste
- telescope
- temperature
- thermometer
- tool

- touch
- universe
- wind
- wire

RIT Score Range: 191-200

- (data) log
- animal
- atmosphere
- average
- Celsius
- centimeter
- chemical energy
- classify
- color
- compressed
- computer
- conclusion
- condense
- condition
- constant
- control variables
- cool
- creek
- cycle
- cyclic pattern
- data
- day
- degree
- diagram
- direct observation
- directions
- distance
- eat
- enlarge
- evolution
- experimental result
- extend
- fact
- field
- force
- gradient
- gradual change
- ground
- hand lens

- hear
- hypothesis
- identify
- image
- infer
- insect
- interact
- investigation
- kinetic energy
- leaf
- light energy
- live
- lung
- magnet
- magnifying lens
- material
- microscope
- model
- molecule
- motion
- notes
- nuclear energy
- ocean
- opinion
- pattern
- percentage
- perception
- period
- population
- potential energy
- power
- predict
- prediction
- pressure
- process
- proportion
- pull
- quantification
- quantify
- rain
- regular pattern
- reliable
- result
- river
- rotation
- sand
- scientific theory
- second
- seed
- seeing
- senses
- sequence
- series
- situation
- sky
- smelling
- solar energy
- space
- speed
- spring (metal)
- state of matter
- stethoscope
- stick
- stored energy
- study
- support
- table
- tasting
- theory
- time zones
- vibration
- vision
- volume
- weight
- world
- X-ray machine

RIT Score Range: 201–210

- absolute knowledge
- affect
- apparent size
- area
- arrangement
- balance (equilibrium)
- breathe
- chance
- characteristic
- circle
- claim
- comet

- communicate
- contact
- crystal
- deceleration
- deep space
- density
- describe
- design
- discard
- disease
- disequilibrium
- east
- equilibrium
- evaluate
- evidence
- evolutionary change
- evolve
- exert
- explain
- explanation
- extinct
- factor
- field of view
- friction
- gather
- generalization
- graduated cylinder
- gravitational field
- habitat
- hold constant
- hour
- ice
- imbalance
- inference
- instrument
- interpret data
- investigate
- justify
- level
- machine
- magnification power
- mass
- meter stick
- mile
- movement
- muscle
- negative deceleration
- north
- nutrition
- observable
- orderly
- per
- pH meter
- physical model
- point
- population control
- precise
- predator
- predictable
- problem
- purpose
- push
- quality
- quantity
- random group
- ray
- reject
- replicate
- research
- reversible
- scale (measurement)
- scale (size)
- scientific law
- scientific model
- shell
- significant
- slope
- southwest
- statistics
- surface
- system
- test
- texture
- thermostat
- time interval
- trial-and-error procedure
- unit
- valid
- velocity
- volcano
- wave
- west

- winter
- year

RIT Score Range: 211–220

- accelerate
- balance
- beaker
- birth rate
- coal
- coincidence
- column
- composition
- cyclic
- cyclic phenomenon
- decrease
- dependent
- design experiment
- diameter
- diesel
- double-pan balance
- electrical
- electrical field
- electrically neutral
- episodic
- evolutionary trend
- experimentation
- eyewitness
- formulate model
- geologist
- geothermal
- heating
- hypothesize
- inconclusive
- increase
- independent variable
- indicate
- interval
- judgment
- life function
- life-span
- mechanical
- mechanism
- meter
- natural gas
- negatively-charged

- nonrenewable energy resource
- nuclear
- number pattern
- orderly pattern
- pendulum
- phenomena
- physical property
- plate
- positively-charged
- precision
- probable
- quantitative
- random
- rate
- reasonable result
- regular increase
- regulated
- renewable energy source
- renewable resource
- repeat
- repel
- replication
- reproduce
- reproduction
- results
- scale model
- scaled up
- sphere
- testable
- theorize
- three-dimensional space
- trial
- two-dimensional space
- vary
- wood

RIT Score Range: 221–230

- abiotic factor
- assumption
- attraction
- biotic factor
- compass
- control
- controlled experiment

- conversion
- current
- dimensions
- elevation
- event
- factual
- finding (scientific)
- input
- intensity
- invalid (data)
- living
- magnetic
- magnetic field
- modification
- northern lights
- output
- Periodic Table of the Elements
- pole
- position
- principle
- procedure
- regular time interval
- replicable
- researcher
- respiration
- scientific
- scientific evidence
- scientific method
- sea level
- sense extender
- separation
- source

RIT Score Range: 231–240

- cancellation
- opposing forces
- qualitative
- significance
- validation

Science, General Science

RIT Score Range: 161-170

- animal
- bird
- egg
- life cycle

RIT Score Range: 171–180

- (pine) cone
- air
- amphibian
- bean
- body
- breathe
- bud
- burrow
- caterpillar
- cave
- cloud
- coal
- cool
- cycle
- den
- desert
- dew
- drown
- Earth
- fall
- fish
- flower
- fog
- forest
- frog
- gasoline
- gill
- grow
- hail
- hatch
- head
- hibernate
- hot

- ice
- jungle
- leaf
- leg
- liquid
- mammal
- mountain
- neck
- need
- nest
- ocean
- plant
- protect
- pull
- push
- reptile
- rock
- root
- season
- seed
- seedling
- shell
- shoulder
- skin
- sleet
- smog
- snow
- soil
- spider
- spring
- stage
- stem
- summer
- Sun
- temperature
- time
- toad
- tree
- turtle
- waist
- weather

- wind
- worm

RIT Score Range: 181-190

- (egg) shell
- absorb
- active
- alive
- Alpha Centauri
- anemometer
- atmosphere
- autumn
- backbone
- bacteria
- balance (scale)
- bank
- barometer
- beach
- beak
- body of water
- bone
- bush
- calorie
- carbon dioxide
- carnivore
- cavities
- clam
- cold-blooded
- condensation
- conservation
- core
- crust
- crystal
- day
- daytime
- degree
- drink
- earthquake
- efficiency
- electricity
- enemy
- energy
- evaporation
- feather
- feel
- fossil
- friction
- fungus
- gas
- grain
- gravity
- hair
- hear
- heart
- heat
- height
- herb
- herbivore
- hind
- hydrometer
- hygrometer
- inch
- Inertia
- insect
- intestines
- iron
- Jupiter
- knee
- land
- length
- light
- living
- load
- lung
- magnet
- magnetic field
- magnetism
- magnifying glass
- mantle
- map
- Mars
- measure
- measuring cup
- Mercury (planet)
- metal
- meter
- milk
- minute
- mold
- Moon

- mouth
- natural resource
- nectar
- night
- nutrient
- observe
- ocean floor
- Orion
- oxygen
- planet
- Pluto
- polarization
- Pole Star
- polluted
- pollution
- precipitation
- pump
- recycle
- rib
- salt
- sand
- Saturn
- scale
- seasonal change
- see
- sense
- shadow
- shrub
- sight
- signal
- sleep
- smell
- solar system
- solid
- sound
- spears
- spring scale
- star
- steam
- stomach
- stone
- store
- stream
- structure
- sunlight
- surface
- swim
- tar
- taste
- thermometer
- tool
- touch
- unit of measure
- Uranus
- vine
- vitamin
- water
- water cycle
- water vapor
- winter
- wood
- woods
- work

RIT Score Range: 191–200

- abdomen
- adapt
- asteroid
- atom
- attract
- attraction
- axis
- bark
- blood
- body part
- body segments
- boil
- breeze
- bristle
- camouflage
- cat
- cell
- cell wall
- cephalothorax
- change
- characteristic
- chloroplast
- circulation
- circulatory system
- classification
- classify

- claw
- climate
- cohesion
- color
- comet
- complete (circuit)
- condense
- constant
- consumer
- container
- Coriolis force
- crack
- cross section
- cubic
- daylight
- 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
- equilibrium
- erosion
- esophagus
- evaporate
- exercise
- experimentation
- explanation
- extinct
- feline
- field
- fire
- flood
- food chain
- food web
- force
- form
- four-chambered heart
- freeze
- fruit
- fulcrum
- function
- galaxy
- gale
- gather
- geographic area
- 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
- loud
- low-pitched
- lubricant

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

RIT Score Range: 201-210

- absorption
- acid
- air pressure
- air quality
- air resistance
- alcohol
- aluminum
- amphibious
- angstrom
- animal cell
- antenna
- anus
- arthropod
- atomic structure
- ATP
- balance (tool)
- ball-and-socket joint
- bar magnet
- base
- bill
- biome
- birth rate
- bladder
- blue-green algae
- body section
- body system
- branch

- broken (circuit)
- canyon
- carbon monoxide
- cause
- cavern
- cell membrane
- cell theory
- Celsius
- change over time
- chemical
- chemical property
- chemical weathering
- chlorophyll
- circuit
- circuit breaker
- circuit overload
- circulate
- collide
- column
- commodity
- community
- compaction
- compass
- compass needle
- complete metamorphosis
- composition
- compound
- compound machine
- conduct
- conductor
- constellation
- consume
- contract
- convert
- copper
- crater
- cross (genetic)
- crustacean
- cytoplasm
- dam
- death rate
- decomposer
- density
- develop
- development
- diffuse

- digest
- discharge
- distilled water
- DNA
- droplet
- east
- echinoderm
- ecological cycle
- ecology
- electric current
- electrical outlet
- electron
- element
- eliminate
- ellipse
- embryo
- environment
- 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
- genotype
- glaciation
- glacier
- gravitational attraction
- greenhouse effect
- hand lens
- hardness
- hereditary information
- heredity
- horizontal
- hour
- human
- hypothesis
- igneous rock
- inclined plane
- individual consumption
- inert
- insulate
- insulation
- irrigation
- jellyfish
- jointed leg
- kidney
- kilometer
- kilowatt hour
- kinetic
- kinetic energy
- landslide
- large intestine
- life zone
- light energy
- light switch
- light-year
- litmus paper
- machine
- magnesium
- material
- measurement
- membrane
- mercury (element)
- message
- metamorphic rock
- meteor

- meteorite
- meteorologist
- migrate
- 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
- offspring
- oil
- oil well
- 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
- rainfall
- 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
- source of energy
- space
- species
- spectrum
- speed
- speed of light
- speed of sound
- sperm
- sphere
- state
- stationary
- sublimation
- succession
- sugar
- sulfur dioxide
- sulfur/sulphur
- surface area
- switch
- symbiosis
- synthesis
- texture
- thaw
- thermos jug
- tidal wave
- tin
- transpiration
- transport
- trout
- turbine
- umbilical cord
- unit
- uranium
- urinary bladder
- uterus
- vaporize
- vegetation
- vertical row
- vibrate
- visible
- vocal cords
- water pressure
- water supply
- web
- well
- west
- wheel and axle
- wind speed
- wire
- yolk sac

RIT Score Range: 211-220

- abyssal floor
- abyssal plain
- agent
- air mass
- air pollution
- algae
- alpha particle
- amber
- anatomy
- angle
- annelida
- area of influence
- arm (parts of balance)
- artery
- 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
- brass
- capillary
- carbon
- cell division
- cellulose
- centi-
- centriole
- change of phase
- change of state
- chemical bond
- chemical change
- chemical energy
- chemical reaction
- chlorine
- chromosome
- circuit tester
- cirrus
- cleavage
- closed container
- cnidaria
- cold front
- colony
- conception
- coniferous tree
- continental margin
- continental shelf
- continental slope
- crossing over
- crustal plate
- current
- cyclone
- decompose
- deep-water zone
- dehydrate
- dense
- deposit
- deposition
- determine
- diet
- dimmer (electrical)
- disease
- dominant
- dry cell battery
- dry ice
- duplicate
- Earth process
- Earth's crust
- echinodermata
- ecosystem
- effort
- 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
- fault
- faulting
- fertilized
- first class lever
- fixed orbit
- flat
- float
- focal length
- focal point
- folding
- food
- food pyramid (ecological)
- formation
- formula
- frequency
- fresh water
- front
- full moon
- gastrulation
- gear
- gene
- genetic material
- gestation

- geyser
- glucose
- Golgi body
- gram
- ground water
- heart disease
- helium
- humid
- hurricane
- identify
- igneous
- illumination
- implantation
- infection
- infectious disease
- infrared
- inner core
- instrument
- insulator
- interaction
- interphase
- interrelationship
- involuntary responses
- ion
- isotope
- lichen
- life span
- limestone
- liter
- lithium
- live birth
- liver
- long-range effect
- lymphatic system
- magnetic
- marble
- mass number
- mate
- measurable
- meiosis
- melting point
- mercury barometer
- mercury thermometer
- meteoroid
- microorganism
- mid-ocean ridge
- Milky Way Galaxy
- milli-
- mitosis
- model
- mollusca
- moss
- mutation
- NASA
- natural resources
- new moon
- nonliving
- nonrenewable
- Northern Hemisphere
- nuclear
- nuclear explosion
- nuclear power
- oak
- ore
- organelle
- outer core
- overcrowding
- overpopulate
- overweight
- ovulation
- ovule
- pan (parts of balance)
- parent material
- penetrate
- period of revolution
- Periodic Table of the Elements
- petrified wood
- petroleum
- phase change
- phylum
- physical change
- physical environment
- pigment
- pistil
- plasma
- plasma membrane
- plate
- platelet
- population growth
- positively charged
- prediction

- preserve
- property
- proportion
- protoplasm
- protozoa
- pumice
- radiation
- 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
- seamount
- seawater
- section
- sedimentary
- selective breeding
- sex
- shale
- shallow-water zone
- single-celled
- smoking
- solar
- solubility point
- spectroscope
- sponge
- stamen
- stigma

- stress
- sublimate
- submerge
- symbol
- synthesize
- taxonomy
- tectonic plate
- test
- tidal
- tidal forces
- tide action
- trace elements
- trait
- transmission
- trench
- tube
- ultraviolet
- undisturbed
- vacuum
- valence
- valley
- vein
- vertical
- virus
- visible spectrum
- warm front
- watt
- wave action
- wavelength
- white blood cell
- white dwarf
- yeast

RIT Score Range: 221-230

- (plant) cell wall
- abiotic factor
- acid rain
- active transport
- additive
- adrenalin
- algal bloom
- alternating circuit
- alternative energy source
- altitude
- amino acid

- amoeba
- amplitude
- appendix
- aquifer
- artificial selection
- asteroid belt
- bacteria of decay
- biologist
- blood sugar level
- brain
- breccia
- breeder
- carbohydrate
- catalyst
- cellular respiration
- cellular structure
- centrifugal force
- charge
- charged particle
- chitin
- cilia
- class
- class (taxonomy)
- classification system
- competition
- conduction
- conjugation
- conservation biologist
- conservation of mass
- conserve
- constitute
- convect
- convergent plate boundary
- corrosion
- cosmic rays
- cover crop
- cumulus
- Darwin
- DDT
- deletion
- delta
- diffusion
- divergent plate boundary
- Dmitri Mendeleev
- effect
- electric
- electrical field
- embed
- energy releasing process
- erupt
- estrogen
- extrusive
- family
- fault zone
- fermentation
- flagella
- flatworm
- flow
- follicle-stimulating hormone
- fracture
- fuel
- gene frequency
- gene pool
- genus
- gold
- graduated cylinder
- grams
- grassland
- gravitational field
- guard cell
- Halley's Comet
- high
- holdfast
- hormone
- hydroelectric power
- inherited
- inorganic
- insulin
- intensity
- inversion
- ionic
- iron filings
- kilogram
- kingdom
- Leeuwenhoek
- Linnaeus
- lipids
- location
- locomotion
- lowland

- lubricate
- metal plate
- metallic
- methane
- Milky Way
- milliliter
- mineral content
- moisture
- mudstone
- multiplication
- natural selection
- negative
- neutralize
- nimbus
- nuclear energy
- nuclear fission
- nuclear reaction
- nuclear reactor
- nucleic acid
- oceanic crust
- oil deposit
- pancreas
- parathormone
- Pasteur
- pH
- phenotype
- phosphate
- phosphorous
- phototropism
- plains
- plant matter
- plasmodium
- plastid
- prehistoric
- product
- protein synthesis
- protist
- pseudopod
- radiate
- rainforest
- random
- rate of entry
- reactant
- reaction force
- reactor site
- reduction division
- rock face
- runoff
- San Andreas fault
- sandstone
- Schwann
- seashell
- second
- separate
- settle
- shore
- sift
- sodium chloride
- solar power
- specialization
- specimen
- star cluster
- starch
- stimulus
- stinging cell
- stomate
- stored energy
- stratus
- streak (test)
- subdivision
- subduction boundary
- subsoil
- substitution
- substratum
- surface wind
- survival
- symmetrical
- thunderhead
- tidal power
- transfer
- translocation
- transportation
- tundra
- vestigial structure
- volcanic action
- xylem

RIT Score Range: 231–240

- axon
- basic
- climate condition

- climax
- coelenterata
- conglomerate
- daughter cell
- decibel
- deep-sea trench
- divide
- ebb tide
- electrochemical impulse
- evacuate (container)
- flood tide
- genetic structure
- geotropism
- germination
- hertz
- high pressure system
- high tide
- joule
- liverfluke
- loudness
- low tide
- maturation
- nematoda
- neuron
- neurotransmitter
- overtone
- phagocytosis
- phenolphthalein
- pinocytosis
- pioneer (plant)
- platyhelminthes
- Richter scale
- sequence
- siltstone
- synapse