

Hi there!

I'm glad you're using this resource. Included in this package is 10 slides of 10 science riddles that correspond to a science concept or term. Each slide has a word number on the lower left corner that identifies which word the riddle corresponds to. The key (which is included) will have the corresponding words..

I spend countless hours writing, researching, editing and generating graphics/charts for each question. I want to continue creating useful content for you to use - however, I also want to ensure my work is fairly compensated.

Therefore, below are the terms and conditions for use of our materials.

What is allowed:

- photocopying our content for your students to use.
- posting a copy of our content (ie. questions, rubrics) on a password protected site for your students to access and/or complete.
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What is not allowed:

- Selling our content.
- Repackaging our content in your own materials and then selling it. NOTE: giving credit to us still does not make this okay.
- Distributing and/or posting our content online (for example, on social media or a blog).

Want more? Check our website (realsciencechallenge.com/products) to purchase a full copy titled *REAL Science Riddle Glossary*. Included is a master list of 215 science vocabulary words along with 215 slides like the ones you see below. And, sign up for our newsletter to receive updates on materials that will be available soon.

Thank you for supporting us. And, we look forward to helping you with your teaching practice. Please feel free to reach out to us if you have any questions or suggestions.

Sincerely,

Kent
REAL Science Challenge Founder
Science Department Head (Burnaby South Secondary)
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How to Use Science Riddles

Some suggestions:

- use them as bellringers, review or discussion.
- post them in your classroom as words students will learn during the unit
- use them on tests to assess vocabulary definitions

Science RIDDLE #9

In waves, I make my mark,

A measure of strength, not stark.

Higher or lower, a light or sound spark,

Guess me, this feature, leave your remark.



Science RIDDLE #16

*Life's solo act, no partner's grace,
Offspring alone, in nature's embrace.
Clones arise, from one's base,
What am I, in reproduction's chase?*



Science RIDDLE #34

*I'm the gatekeeper, standing tall,
Separating in a molecular sprawl.
Selective entry, I do enthrall,
What am I, in life's inner hall?*



Science RIDDLE #53

*Fluid's rhythm, as I flow,
Heat's currents, in a gentle row.
Circulation's dance, to and fro,
What am I, in this riddle's show?*



Science RIDDLE #62

*In experiments, I'm the trace,
What changes due to the case.
Measured response, in science's embrace,
What am I, in this experimental space?*



Science RIDDLE #100

*Genetic blend, diversity's spree,
Two alleles merge, a trait's decree.
Differing codes, in hereditary plea,
What am I, in genetics' glee?*

Word: 100

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Science RIDDLE #108

*Matter's reluctance, a stillness' reign,
Rest's persistence, a force to explain.
Change's resistor, in every domain,
What am I, in motion's chain?*



Science RIDDLE #125

*Quantity of particles, in every norm,
Matter's essence, in a universal dorm.
Weight's precursor, in gravitational charm,
Guess me right, in this matter's form.*



Science RIDDLE #156

*Rock's alteration, in a wind-blown band,
Erosion's artist, as particles command.
Weather's chisel, in nature's planned,
Guess me right, in this geology's grand.*



Science RIDDLE #211

*Wave's span, where energy abides,
Peak to peak, in a rhythmic glide.
Nature's gauge, in a wave's side,
Guess me right, in this energy's stride.*



Riddle KEY

9 - amplitude

16 - asexual reproduction

34 - cell membrane

53 - convection

62 - dependent variable

100 - heterozygous

108 - inertia

125 - mass

156 - physical weathering

211 - wavelength

Want More?

Check our website store (realsciencechallenge.com/products) to get a full copy titled REAL Science Riddle Glossary. Included is a master list of 215 science vocabulary words along with 215 slides like the ones you saw in this sample.

REAL Science Riddle Glossary - Table of Contents (full list of words)

1 - abiotic	41 - chromosome	81 - evaporation	121 - magnetic field	161 - predator	201 - vaccine
2 - acceleration	42 - circuit	82 - exothermic	122 - magnetic reversal	162 - pressure	202 - vacuole
3 - acid	43 - climate	83 - experimental control	123 - magnification	163 - prey	203 - variable
4 - acquired immune response	44 - codominance	84 - field of view	124 - mantle convection	164 - producer	204 - velocity
5 - adaptation	45 - comet	85 - fluid	125 - mass	165 - prokaryotic cell	205 - vesicles
6 - allele	46 - compound light microscope	86 - focal point	126 - matter	166 - proton	206 - viruses
7 - allergen	47 - concave	87 - force	127 - meiosis	167 - Punnett square	207 - visible light
8 - allergy	48 - concentration	88 - fossil fuel	128 - melting	168 - radio waves	208 - volcanoes
9 - amplitude	49 - condensation	89 - frequency	129 - metabolism	169 - recessive	209 - volume
10 - anaphylactic shock	50 - conduction	90 - gamma rays	130 - meteor	170 - reflection	210 - wave
11 - angle of incidence	51 - conservation of energy	91 - gene	131 - microwaves	171 - refraction	211 - wavelength
12 - angle of reflection	52 - continental drift theory	92 - genotype	132 - mid-ocean ridge	172 - resolving power	212 - weather
13 - angle of refraction	53 - convection	93 - Golgi body	133 - mitochondria	173 - ribosome	213 - weight
14 - antibodies	54 - converging	94 - gravitational force	134 - mitosis	174 - rift valley	214 - white blood cells
15 - antigen	55 - convex	95 - half-life	135 - molecule	175 - scientific method	215 - X rays
16 - asexual reproduction	56 - crest	96 - haploid number	136 - multicellular	176 - sedimentation	
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18 - asthma	58 - cytoplasm	98 - herbivore	138 - natural selection	178 - selectively permeable	
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29 - calorie	69 - ecosystem	109 - infectious disease	149 - paleoglaciation	189 - tectonic plate	
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REAL Science Riddle Glossary - sample master list page

amplitude

DEFINITION

- *“the height of a wave crest or depth of a wave trough as measured from the wave's rest position”*

RIDDLE

*In waves, I make my mark,
A measure of strength, not stark.
Higher or lower, a light or sound spark,
Guess me, this feature, leave your remark.*

Word: 9