

FAST TALK

MIDDLE SCHOOL BIOLOGY — MASTER DECK

54 cards · six science topics mixed together · colour-coded by topic

HOW TO PLAY

1. Draw a card and read the CLUE side out loud — it has lots of answers.
2. Flip the card over to see the CHALLENGE — the twist that narrows it down.
3. Race to shout an answer that fits BOTH sides. First correct answer keeps the card. Most cards at the end wins!

Example: “An animal that lives in water” + “Ends with the letter S”
→ octopus! Same clue with “A 4-letter answer” → fish or crab.

HOW TO PRINT & CUT

- Print double-sided, flipping on the LONG edge (the usual default).
- Back pages are pre-mirrored so fronts and backs line up after cutting.
- Print ONE test sheet first and hold it to the light to check alignment.
- Cut along the grey guide lines — 9 cards per sheet.

CLASS RULES & VARIATIONS

- Letter counts ignore spaces and count numbers (CO₂ = 3).
- Teams: play in two teams, taking turns — a wrong answer passes it over.
- Explain it: to keep the card, say one fact about your answer.
- No repeats: an answer used once can't be used again all game.

MASTER DECK — ALL TOPICS MIXED

**A 7-letter
answer**

Just one word

**Has the letter
A in it**

**A 6-letter
answer**

**Has the letter T
in it**

**Starts with a
consonant**

**Has the letter
N in it**

**Starts with A,
E, I, O, or U**

**Has the letter
U in it**

**A word you'd
use when
talking about
cells dividing**

**Something that
can pass
through a cell
membrane**

**A trait that is
learned, not
inherited**

**Something a
cell needs to
survive**

**A part of a
flower**

**A reptile or
amphibian**

**Something that
helps
pollination
happen**

**A way seeds
travel to new
places**

**Something a
plant needs to
grow**

**Has the letter I
in it**

**Has the letter
N in it**

**A 5-letter
answer**

**Ends with the
letter S**

**A 7-letter
answer**

**More than one
word**

**Has the letter E
in it**

**More than one
word**

**Ends with the
letter S**

**A bone or part
of the skeleton**

**A part of the
body that
helps you
breathe**

**The part of a
cell that does a
job like a body
organ does**

A body system

**A group
scientists sort
animals into**

**Something
scientists
study to learn
about heredity**

**A producer (a
living thing
that makes its
own food)**

**A reason
siblings can
look different**

**A level of
organisation in
a living thing**

**Has the letter
U in it**

**Has the letter
R in it**

**Fewer than 7
letters**

**Has the letter S
in it**

**Has the letter L
in it**

**A 9-letter
answer**

**Fewer than 5
letters**

**Has the letter E
in it**

**A 6-letter
answer**

**A tool or word
from looking at
cells in
science class**

**An animal
without a
backbone**

**A part of the
digestive
system**

**A way humans
can harm or
help an
ecosystem**

**An animal
behaviour that
is an instinct**

**An organ in
the human
body**

**A place where
animals and
plants live (a
habitat)**

**The job of a
plant's roots**

A mammal

**A 11-letter
answer**

**A 9-letter
answer**

**More than 7
letters**

**Has the letter S
in it**

**Ends with the
letter E**

**Fewer than 5
letters**

**A 4-letter
answer**

**Has the letter
R in it**

**A 4-letter
answer**

**An animal that
goes through
metamorphosis**

**A role in a food
chain**

**A way animals
survive winter**

**A sense or a
body part used
for sensing**

A part of a cell

**A plant you
could find in a
garden or farm**

**An animal that
lives in water**

**A part of a
plant cell that
animal cells
don't have**

**A non-living
part of an
ecosystem**

**A 3-letter
answer**

**Has the letter I
in it**

**A 8-letter
answer**

**More than 5
letters**

**A 5-letter
answer**

**Has the letter L
in it**

**More than 7
letters**

**Has the letter
A in it**

Just one word

A decomposer

**Something
offspring can
get from a
parent**

**An animal that
eats other
animals**

**Something
your body
does to stay
healthy**

**A feature used
to classify an
animal**

**A trait you can
inherit from
your parents**

**Something
living things
compete for**

**A gas plants
take in or give
out**

**A living thing
made of only
one cell**

**More than 5
letters**

**Starts with a
consonant**

**A 11-letter
answer**

**Has the letter
O in it**

**Has the letter
O in it**

**Fewer than 7
letters**

**Starts with a
consonant**

**Has the letter T
in it**

**Ends with the
letter E**

**Something
involved in
photosynthesis**

**A way an
animal
protects itself**

**Something
found in blood**

**A part of a
plant**

**A word from
the topic of life
cycles and
reproduction**

**Something that
helps your
body fight
sickness**

**A word from
the topic of
genes and
DNA**

**An animal that
eats only
plants**

**A word
describing
how traits
show up**

ANSWER KEY

MIDDLE SCHOOL MASTER DECK

Answer key — page 1 of 6 — answers fit BOTH the clue and the challenge

[Heredity] A trait that is learned, not inherited

+ A 7-letter answer

→ reading, manners

[Cells] Something that can pass through a cell membrane

+ Just one word

→ water, oxygen, CO₂, glucose, nutrients

[Cells] A word you'd use when talking about cells dividing

+ Has the letter A in it

→ DNA, daughter cell

[Animals & Classification] A reptile or amphibian

+ A 6-letter answer

→ lizard, turtle

[Plants] A part of a flower

+ Has the letter T in it

→ petal, stamen, pistil, nectar, stigma

[Cells] Something a cell needs to survive

+ Starts with a consonant

→ water, food, glucose, nutrients

[Plants] Something a plant needs to grow

+ Has the letter N in it

→ sunlight, carbon dioxide, nutrients

[Plants] A way seeds travel to new places

+ Starts with A, E, I, O, or U

→ animals, exploding pods

[Plants] Something that helps pollination happen

+ Has the letter U in it

→ butterfly, hummingbird

[Cells] The part of a cell that does a job like a body org...

+ Has the letter I in it

→ mitochondria, ribosome

MIDDLE SCHOOL MASTER DECK

Answer key — page 2 of 6 — answers fit BOTH the clue and the challenge

[Human Body] A part of the body that helps you breathe

+ Has the letter N in it

→ lungs, nose, windpipe

[Human Body] A bone or part of the skeleton

+ A 5-letter answer

→ skull, spine, femur, joint

[Heredity] Something scientists study to learn about hered...

+ Ends with the letter S

→ pea plants, family trees, twins, fruit flies, chromosomes

[Animals & Classification] A group scientists sort animals...

+ A 7-letter answer

→ mammals, insects

[Human Body] A body system

+ More than one word

→ digestive system, nervous system, circulatory system, respiratory system, skeletal system, muscul...

[Cells] A level of organisation in a living thing

+ Has the letter E in it

→ cell, tissue, organ system

[Heredity] A reason siblings can look different

+ More than one word

→ different genes, recessive traits, gene mixing

[Ecosystems] A producer (a living thing that makes its own...

+ Ends with the letter S

→ grass, moss

[Human Body] A part of the digestive system

+ Has the letter U in it

→ mouth, esophagus

[Animals & Classification] An animal without a backbone

+ Has the letter R in it

→ worm, spider, crab, starfish

MIDDLE SCHOOL MASTER DECK

Answer key — page 3 of 6 — answers fit BOTH the clue and the challenge

[Cells] A tool or word from looking at cells in science cl...

+ Fewer than 7 letters

→ slide, stain, lens

[Human Body] An organ in the human body

+ Has the letter S in it

→ lungs, stomach, skin, intestine

[Heredity] An animal behaviour that is an instinct

+ Has the letter L in it

→ nest building, suckling

[Ecosystems] A way humans can harm or help an ecosystem

+ A 9-letter answer

→ pollution, recycling, littering

[Animals & Classification] A mammal

+ Fewer than 5 letters

→ dog, bat

[Plants] The job of a plant's roots

+ Has the letter E in it

→ absorb water, take in nutrients, anchor the plant, store food

[Ecosystems] A place where animals and plants live (a habi...

+ A 6-letter answer

→ forest, desert, tundra

[Animals & Classification] A way animals survive winter

+ A 11-letter answer

→ hibernation, storing food

[Ecosystems] A role in a food chain

+ A 9-letter answer

→ herbivore, carnivore, scavenger

[Animals & Classification] An animal that goes through met...

+ More than 7 letters

→ butterfly, dragonfly, mosquito

MIDDLE SCHOOL MASTER DECK

Answer key — page 4 of 6 — answers fit BOTH the clue and the challenge

[Plants] A plant you could find in a garden or farm

+ Has the letter S in it

→ sunflower, rose

[Cells] A part of a cell

+ Ends with the letter E

→ cell membrane, vacuole, ribosome

[Human Body] A sense or a body part used for sensing

+ Fewer than 5 letters

→ eye, ear, nose, skin

[Ecosystems] A non-living part of an ecosystem

+ A 4-letter answer

→ soil, rain, wind

[Cells] A part of a plant cell that animal cells don't have

+ Has the letter R in it

→ chloroplast, large vacuole, chlorophyll

[Animals & Classification] An animal that lives in water

+ A 4-letter answer

→ fish, crab, seal

[Ecosystems] An animal that eats other animals

+ A 3-letter answer

→ owl, fox

[Heredity] Something offspring can get from a parent

+ Has the letter I in it

→ traits, instincts

[Ecosystems] A decomposer

+ A 8-letter answer

→ mushroom, bacteria

[Heredity] A trait you can inherit from your parents

+ More than 5 letters

→ eye colour, hair colour, height, dimples, freckles, blood type, curly hair

MIDDLE SCHOOL MASTER DECK

Answer key — page 5 of 6 — answers fit BOTH the clue and the challenge

[Animals & Classification] A feature used to classify an a...

+ A 5-letter answer

→ gills, wings

[Human Body] Something your body does to stay healthy

+ Has the letter L in it

→ sleep, heal

[Cells] A living thing made of only one cell

+ More than 7 letters

→ bacteria, paramecium

[Plants] A gas plants take in or give out

+ Has the letter A in it

→ carbon dioxide, water vapour

[Ecosystems] Something living things compete for

+ Just one word

→ food, water, space, mates, sunlight, shelter, territory

[Human Body] Something found in blood

+ More than 5 letters

→ red blood cell, white blood cell, platelet, plasma, oxygen, nutrients

[Animals & Classification] A way an animal protects itself

+ Starts with a consonant

→ camouflage, spines, shell, venom, playing dead, warning colours, speed

[Plants] Something involved in photosynthesis

+ A 11-letter answer

→ chlorophyll, chloroplast

[Human Body] Something that helps your body fight sickness

+ Has the letter O in it

→ white blood cell, antibody

[Heredity] A word from the topic of life cycles and reprod...

+ Has the letter O in it

→ tadpole, metamorphosis, offspring, embryo

MIDDLE SCHOOL MASTER DECK

Answer key — page 6 of 6 — answers fit BOTH the clue and the challenge

[Plants] A part of a plant

+ Fewer than 7 letters

→ roots, stem, leaf, flower, seed, fruit, petal, bud

[Heredity] A word describing how traits show up

+ Starts with a consonant

→ dominant, recessive, genetic, trait, variation

[Ecosystems] An animal that eats only plants

+ Has the letter T in it

→ rabbit, elephant, caterpillar

[Heredity] A word from the topic of genes and DNA

+ Ends with the letter E

→ gene, chromosome, allele