

Final JEOPARDY



**DNA &
Protein
Synthesis**

**Ecological
Ecosystems
and Stuff**

**Evolution:
Darwin
Who?**

**Infectious
Diseases: It
does what?**

**Genetics:
It's yo
Mamas Fault**

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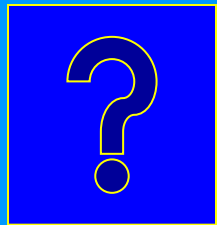
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DNA & Protein Synthesis for
\$100

**The guys with the
credit for the
structure of DNA.**

DNA & Protein Synthesis for \$100

Who are Watson & Crick



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Game**

DNA & Protein Synthesis for

\$200

The

complimentary

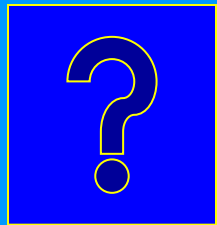
DNA strand from

the RNA strand

UGCAUUCGA .

DNA & Protein Synthesis for
\$200

**What is
ACGTAAGCT?**



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Game**

DNA & Protein Synthesis for

\$300

**The location
where Translation
takes place.**

DNA & Protein Synthesis for \$300

**What is in the
cytoplasm or at
the ribosome?**



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Game**

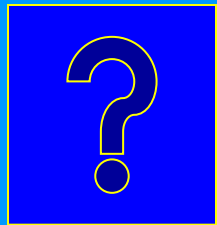
DNA & Protein Synthesis for

\$400

**The location of
anticodons.**

DNA & Protein Synthesis for
\$400

**What is on
tRNA?**



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Game**

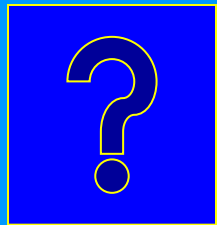
DNA & Protein Synthesis for

\$500

**The three
differences
between DNA and
RNA.**

DNA & Protein Synthesis for
\$500

**What are the sugar,
single/double
stranded, and Uracil
/ Thymine?**



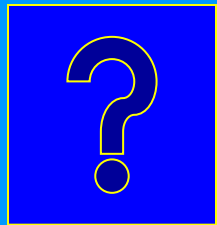
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Game**

Ecological Ecosystems and Stuff
for \$100

**What ecology
means in Latin.**

Ecological Ecosystems and Stuff for \$100

**What is the
study of
houses?**



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Game**

Ecological Ecosystems and Stuff for \$200

**Mr. C's bees and
his half acre of
buckwheat share
this relationship.**

Ecological Ecosystems and Stuff for \$200

**What is a
mutualistic
relationship?**



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Game**

Ecological Ecosystems and Stuff
for \$300

**What happens to Mr.
C's 40 acres when
he dies.**

Ecological Ecosystems and Stuff
for \$300

**What is secondary
succession?**



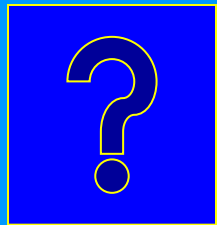
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Game**

Ecological Ecosystems and Stuff for \$400

**The Three types
of symbiosis.**

Ecological Ecosystems and Stuff
for \$400

**What are
commensalism,
parasitism, and
mutualism?**



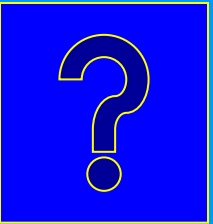
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Ecological Ecosystems and Stuff
for \$500

**The form of
nitrogen in the
soil.**

Ecological Ecosystems and Stuff
for \$500

**What is
ammonia?**



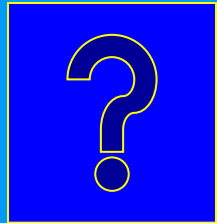
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Game**

Evolution: Darwin Who? for \$100

**A structure that
comes from a
common ancestor
e.g. a bat's wing and
human arm.**

Evolution: Darwin Who? for \$100

**What is a
homologous
structure?**



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Game**

DAY



DOUBLE

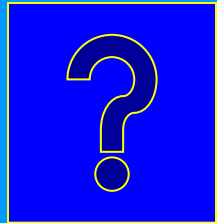
Evolution: Darwin Who? for \$200

DAVID DOUBIE

**What happens
when ecological
races accumulate
more differences.**

Evolution: Darwin Who? for \$200

**What is diverge
or form new
species?**



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Game**

Evolution: Darwin Who? for \$300

**Eeeew you have a
tail, and an
appendix, oh and
pythons have hips;
these are all this.**

Evolution: Darwin Who? for \$300

**What are
vestigial
structures?**



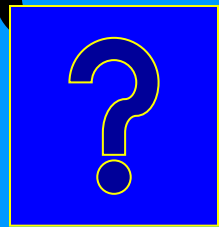
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Evolution: Darwin Who? for \$400

These are the two things needed in order for natural selection to occur.

Evolution: Darwin Who? for \$400

**What are limited
resources or
competition or more
born than survive
and variation?**



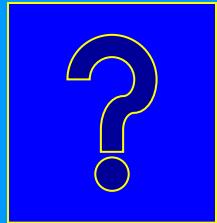
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Evolution: Darwin Who? for \$500

The location that Darwin gathered a large part of evidence for his book Origin of the Species.

Evolution: Darwin Who? for \$500

**What are the
Galapagos
Islands?**



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Game**

Infectious Disease: It Does
What? for \$100

**Three ways that
diseases can
spread.**

Infectious Disease: It Does
What? for \$100

**What are casual
contact,
airborne, or fluid
contact?**



**Back to
Game**

Infectious Disease: It Does
What? for \$200

**This is the type of
disease
antibiotics work
on.**

Infectious Disease: It Does
What? for \$200

**What are
bacterial?**



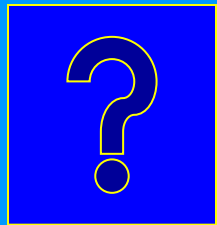
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Game**

Infectious Disease: It Does
What? for \$300

**The body system
that the HIV virus
attacks**

Infectious Disease: It Does
What? for \$300

**What is the
Immune
System?**



**Back to
Game**

Infectious Disease: It Does
What? for \$400

**The two parts of a
virus.**

Infectious Disease: It Does
What? for \$400

**What is a capsid
and nucleic acid.**



**Back to
Game**

Infectious Disease: It Does
What? for \$500

**2 parts of the
external defenses
and 3 parts of
internal immune
system.**

Infectious Disease: It Does
What? for \$500

**What is the skin
and mucous
membranes & T-
cells, B-cells, &
Macrophages**



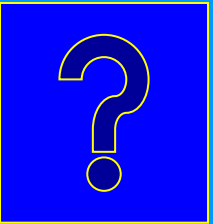
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Genetics: It's Yo Mama's Fault
for \$100

**The type of trait
that only shows
up in a
homozygote.**

Genetics: It's Yo Mama's Fault
for \$100

**What is the
recessive?**



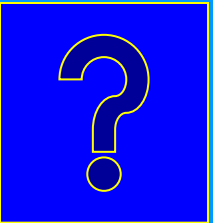
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Genetics: It's Yo Mama's Fault
for \$200

**The Phenotype Ratio
from a cross between
a heterozygote and a
homozygote
dominant.**

Genetics: It's Yo Mama's Fault
for \$200

What is 1?



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Genetics: It's Yo Mama's Fault
for \$300

**This is the guy that
discovered the laws
of genetics with pea
plants.**

Genetics: It's Yo Mama's Fault
for \$300

Who is Mendel?



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Game**

Genetics: It's Yo Mama's Fault
for \$400

**When there is a
blending of
traits.**

Genetics: It's Yo Mama's Fault
for \$400

**What is
incomplete
dominance?**



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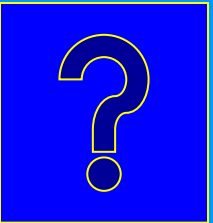
Genetics: It's Yo Mama's Fault

for \$500

The % chance that a boy will get a sex-linked disorder from a Dad that is unaffected and a mom that is a heterozygote.

Genetics: It's Yo Mama's Fault for \$500

What is 50%?



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Final Final

JEOPARDY



**Science
Nerds**

**Details
Details**

**Teenage
Mutant Ninja
Genes**

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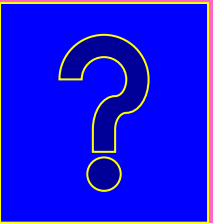
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Science Nerds for \$200

The name of the structure of the cell membrane.

Science Nerds for \$200

What is a lipid bilayer?



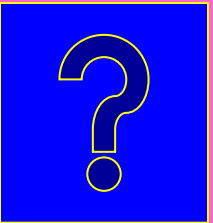
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Science Nerds for \$400

**Describes the
“head” of a
phospholipid.**

Science Nerds for \$400

What is polar?



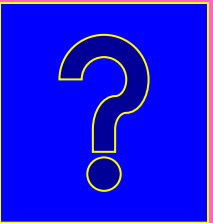
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Game**

Science Nerds for \$600

A form of active transport that takes in liquids of small particles.

Science Nerds for \$600

**What is
pinocytosis?**



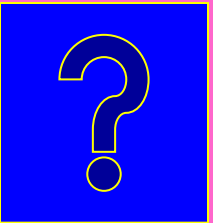
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Game**

Science Nerds for \$800

**The cell structure
found only in
animals.**

Science Nerds for \$800

**What is the
centriole**



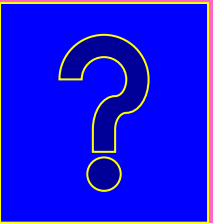
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Science Nerds for \$1000

**This organelle
tends to be larger
in plants than
animals.**

Science Nerds for \$1000

**What is a
vacuole?**



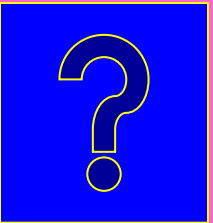
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Details Details for \$200

**What you should
transfuse
yourself with on a
deserted island.**

Details Details for \$200

**What is
coconut milk?**



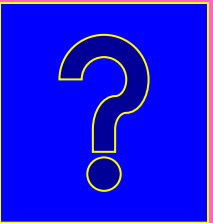
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Game**

Details Details for \$200

**The largest type
of cell we know
of today.**

Details Details for \$400

**What is an
ostrich egg?**



**Back to
Game**

Details Details for \$600

**The smallest type
of cell.**

Details Details for \$600

**What is a
bacteria?**



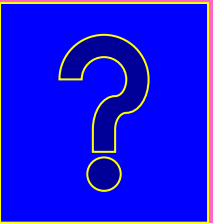
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Game**

Details Details for \$800

**The branching
molecule on the end
of a marker protein
is this
macromolecule.**

Details Details for \$800

**What is a
carbohydrate?**



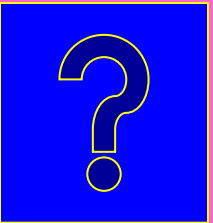
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Game**

Details Details for \$1000

**The two types of
membrane proteins
that can change
shape.**

Details Details for \$1000

**What are
receptor and
pump?**



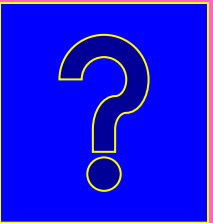
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Game**

Teenage Mutant Ninja Genes for
\$200

**A change in the
sequence of
bases in DNA.**

Teenage Mutant Ninja Genes for \$200

**What is a
mutation?**



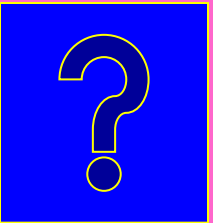
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Teenage Mutant Ninja Genes for
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**A mutation that
adds 1 or more
bases to the DNA
sequence.**

Teenage Mutant Ninja Genes for
\$400

**What is
addition?**



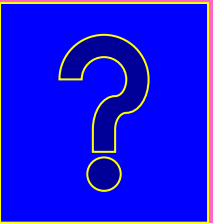
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Teenage Mutant Ninja Genes for \$600

**A mutation that
removes 1 or more
bases from the
DNA sequence**

Teenage Mutant Ninja Genes for
\$600

**What is
deletion?**



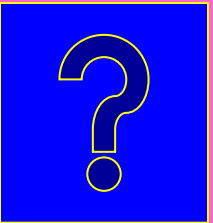
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Game**

Teenage Mutant Ninja Genes for
\$800

**A mutation that
flips 2 or more
bases in the DNA
sequence.**

Teenage Mutant Ninja Genes for
\$800

**What is
inversion?**



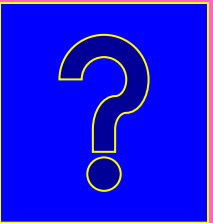
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Game**

Teenage Mutant Ninja Genes! for
\$1000

**A mutation that
moves 2 or more
bases to a
different spot on
the chromosome.**

Teenage Mutant Ninja Genes! for
\$1000

**What is
translocation?**



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Game**