



JEPARDY!

Early Ancestors

Land Adaptations

Plant Life Cycles

Taxonomy

Nonvascular Plants

Vascular Plants

*Early
Ancestors*

*Land
Adaptations*

*Plant Life
Cycle*

*Plant
Taxonom*

*Nonvascular
Plants*

*Vascular
Plants*

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***First habitat for
plants***

What is aquatic or water?

***Earliest ancestor
for land plants***

***What is a type of
green algae?***

***Type of chlorophyll
found in terrestrial
plant ancestors***

What is chlorophyll

a and b ?

***The way algae
and land plants
store excess
sugars***

What is starch?

***Found in the cell
walls of green
algae and land
plants***

What is cellulose?

***Developed to
obtain minerals
from the
environment***

What are roots?

***Enabled plants to
grow taller***

***What is vascular
tissue?***

***Found on all parts of
a plant except for the
underside of leaves***

***What is waxy
cuticle?***

***Developed to protect
sperm cells***

What is pollen?

***Surround openings
in leaves to help
prevent water loss***

***What are guard
cells?***

***Two stage life cycle
of all plants***

***What is alternation
of generations?***

***Dominant stage in
the life cycle of a
bryophyte***

***What is the
gametophyte?***

***Branching structure
that develops from
moss spores when
they germinate***

***What is the
protonema?***

**Daily
Double!!!**

***Jacket of sterile
protective cells
around the egg cell
in ferns and mosses***

***What is the female
gametangia or
archegonium?***

***Eggs and sperm are
produced during this
stage in a fern's life
cycle***

***What is the
gametophyte or
prothallus?***

***Found in the division
Bryophyta***

What are moss?

***The only bryophyte
with photosynthetic
sporophytes***

What are hornworts?

***The division that
contains ferns***

What is Pterophyta?

***Type of moss used
by florist due to its
ability to hold
moisture***

***What is sphagnum
moss?***

***Type of seedless,
vascular plant that
has explosive yellow
spores used in
fireworks***

What is Lycopodium?

***Plants that are first
to move into barren
areas and help break
down rock into soil***

***What are pioneer
plants?***

***Anchor moss plants,
but can't absorb
water***

What are rhizoids?

***Tiny cup shaped
structures on some
bryophytes that are
knocked off by
raindrops and make
new plants***

What are gemmae?

***Nonvascular plant
burned as fuel in
some countries***

What is peat moss?

**Daily
Double!!!**

***Used by moss to
locate egg cells to be
fertilized***

What are chemical trails made by eggs?

Leaves of ferns

What are fronds?

***Spore cases on the
back of mature fern
leaves***

What are sori?

Water conducting tissue

What is xylem?

***Underground
rootlike stem in
whisk ferns and true
ferns***

What is the rhizome?

***Heart shaped
gametophyte stage
in ferns***

***What is the
prothallus?***

Final Jeopardy

*Seedless
Vascular
Plants*

***Name the following
structure found on
Club Moss***





***What is the
strobili?***