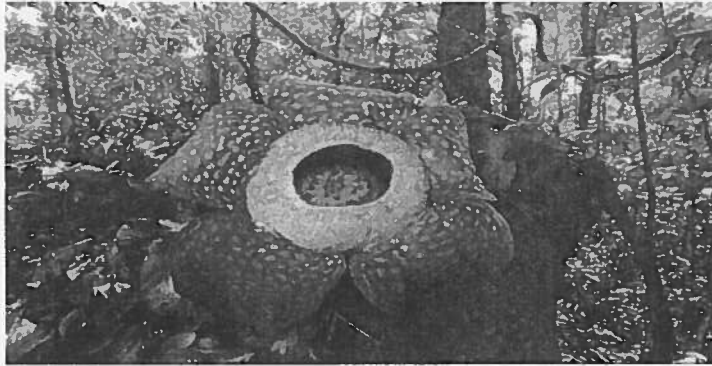


MAKING A POSTER / MODEL: PLANT PROJECT

Big idea:
how plants work.
+ review for test
ch. 29-30



Your Goal: Pretend you are on an expedition to the Amazon rainforest. When you get to the rainforest you observe thousands of different plant species like the one shown above (pretty crazy plant!). You have, unfortunately, forgotten your camera and you want to take a picture so your research team back home can analyze the plant you have discovered. You have to resort to another alternative. You must draw a picture or make a 3D model of your plant that you observed.

no camera -
draw or
model
instead.

- find a plant

Purpose: Review what we have learned so far, you can use your imagination and come up with a plant species that is very bizarre on your own, or you can research a plant that you would like to study. I just want you to be able to give me some sort of presentation on a plant while revisiting the information that we have covered in class. If you can teach the subject matter, it reflects how well you know the subject matter. Have fun with this!

Find new
plant
not already
existing!

if they
create their
own, are they
applying all concepts
logically.

Things you might want to include would be:

1. List all parts of the plant and its tissues (outer plant parts and tissues)
2. What is this plant used for / does it have any benefits to humans?
3. How would you classify this plant (vascular/nonvascular) - (gymnosperm/angiosperm)? *joke ...*
4. What is the ecology of this plant / what are the interactions this plant partakes in?
5. How does this plant retain water?
6. How does this plant reproduce?
7. How does this plant absorb and transport nutrients?
8. How does its alternation of generation cycle? *wading*
9. What is the orientation of the vascular bundles, venation, or cotyledons?
10. What types of cells will you find throughout the plant?
11. What types of tissues will you find throughout the plant?
12. Will you find secondary or primary growth in the plant or BOTH?
13. Does the plant have a cork cambium or a vascular cambium?
14. What types of roots might you find with this type of plant?
15. What types of stems might you find with this type of plant?
16. What types of leaves might you find with this type of plant?

summative
luk.
& present.

Rubric?
based on
this list
& performance
as well.

take an
entry for
an online
encyclopedia?

Summary or final task reminder...

Suggestions :

You found a new plant! but no camera...

OR

You are a botanist creating a new species
for some reason...

- Pubric

-

and are going to make an online encyclopedia entry.

create scenarios separately -

Don't mix?

Big take understanding concepts

Review of content applying knowledge How plants work

- Project based group work or individual

value beyond school

MAKING A POSTER / MODEL: PLANT PROJECT

- research plant
- not clear
- kids confused



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- only discussed concepts

Purpose: Review what we have learned so far, you can use your imagination and come up with a plant species that is very bizarre on your own or you can research a plant that you would like to study. I just want you to be able to give me some sort of presentation on a plant while revisiting the information that we have covered in class. If you can teach the subject matter it reflects how well you know the subject matter. Have fun with this.

summative assessment
all we present to class

Things you might want to include would be:

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reminders but there are more

now to teach all students??

Con. of know

Com.

VBS

2-

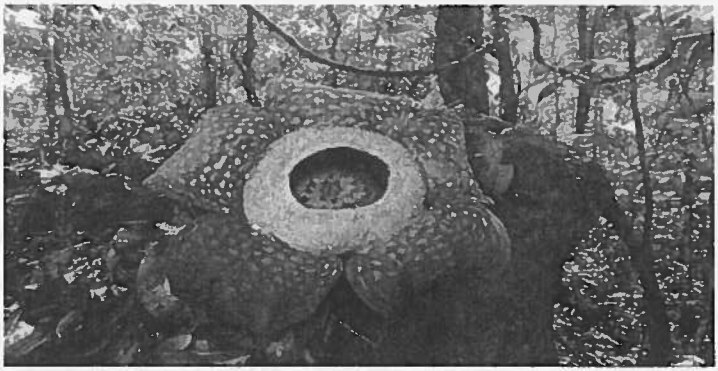
2?

2

repeating prev learned procedure?

Standard 1: 1^r
 Standard 2: 2
 Standard 3: 2

MAKING A POSTER / MODEL: PLANT PROJECT



Organizational Helps
 - Ruberic

Potential for using data or math?

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Speech
 Informative
 presentation

Purpose: Review what we have learned so far, you can use your imagination and come up with a plant species that is very bizarre on your own or you can research a plant that you would like to study. I just want you to be able to give me some sort of presentation on a plant while revisiting the information that we have covered in class. If you can teach the subject matter it reflects how well you know the subject matter. Have fun with this.

list (cut out)

Things you might want to include would be:

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Fictional audience
 - government panel
 - elusive species
 - action plan (how to handle the plants)

- No Elaboration
 - Close Questions!

Create the list

Create rubric

Need Reasoning

Rubric Main Ideas

differentiated task

MAKING A POSTER / MODEL: PLANT PROJECT

or
movie / podcast



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EXPECTATION?

Things you might want to include would be:

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Open-ended (BIG IDEAS) standards w/ these as benchmarks.

Improving the Task

Presentation guidelines?

organizational help?
or do you just want the list of 16?

Project-based
1 or 2 people in group

Focus
on
VBS

Review of
content
understanding
concepts

Review
before
test

Could be 3
w/ organization
helps / re-visit
Const. Know.

Elaborated Conn.

Expressing conclusions about big ideas?
Definitely Giving Examples weekly

VBS
2 UTILITY?
NO AUDIENCE

2+

