Botanical Garden Scavenger Hunt

Botany is the study of: (circle one)
   Plants
   Animals
   Space
   Water

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A vascular plant means what: (circle one)
   It has tubes
   It doesn’t have tubes

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Angiosperm means: (circle one)
   Seed bed
   Seed container
   Seed bowl

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Circle one example of an Angiosperm:
   Pine cone
   Fern
   Apple

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Pollen + Egg = (circle one)
   Flower
   Root
   Stem
   Seed

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What does a seed need to wake up? Circle only 3
   Warmth
   Air
   Light
   Dirt
   Water
   Food
A monocot flower will have 3, 6 or 9 petals. Draw a picture of a monocot flower you see at the Botanical Gardens below.

A dicot flower will have 4, 8 or 12 petals OR 5, 10, 15 petals. Draw a picture of a dicot flower you see at the Botanical Gardens below.
Find a flower at the Botanical Gardens that you can see these parts. Draw a picture for each one.

Stamen – is the male part of the flower. It will have pollen sticking to it.

Carpel – is the female part of the flower. It’s the tube that the pollen travels down to get to the egg.

Find a composite flower and draw it below. Remember that a composite flower looks like one big flower but it is actually many tiny flowers put together (for example, daisies or sunflowers).
Some flowers eat bugs. (circle one)
  True
  False

Circle everything that helps in pollination. Remember that pollination is the carrying of pollen from one plant to another plant.
  Bees
  Birds
  Butterflies
  Moths
  Wind

Some flowers have nectar guides on them. Nectar guides look like arrows pointing animals to the center of the flower where the nectar is. Draw a picture of the flower you find below.

What do bees make with the nectar? __________________________
What do roots get from the ground?

What do the leaves make for the plant?

Do they need light in order to make this? (circle one)
- Yes
- No

If leaves have too much water, what do they do with it?

Chlorophyll makes a leaf what color? (circle one)
- Red
- Orange
- Green
- Yellow

Why do trees lose their leaves in the winter?

How can you tell how old a tree was by it’s stump?

Roots can come out of the ground looking for water. Can you find any roots coming out of the ground at the Botanical Gardens?
Leaves come in many shapes. Find 3 different shaped leaves and draw them below. Once you get back into the car or at home, look up the leaf shapes in your book and write down their names.
What does bark do for a tree? ____________________________

Can you find any pincones on the ground at the Botanical Gardens? _________________
If so, can you find a seed in it? __________________________

Can you find any ferns at the Botanical Gardens? _________________
Do they have spores on them? __________________________
What’s the difference between a spore and a seed? __________________________

At the Botanical Gardens find some moss. Put a check mark in the box once you’ve found it.

At the Botanical Gardens find some lichens. Put a check mark in the box once you’ve found it.
Out of all the flowers you see at the Botanical Gardens, draw your favorite here.
Write something here that you learned at the Botanical Gardens that you did not know.

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Write about your trip to the Botanical Gardens below.

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