

Name _____ Period _____

ADVANCED SCIENCE FIRST QUARTER HOMEWORK

Assigned: _____ **Due:** _____

I'm an
Arizona
Slow
Plant!



We have been studying the Wisconsin Fast Plants in science so for your homework you will be researching plants here in the Sonoran Desert.

Choose five of the following plants to research:

- Barrel Cactus
- Brittle Bush
- Desert Broom
- Prickly Pear Cactus
- Desert Ironwood
- Creosote Bush
- Hedgehog Cactus
- Ocotillo
- Palo Verde
- Saguaro Cactus
- Desert Marigold
- Soapstone Yucca
- Jumping Cholla
- Mesquite
- Summer Poppy
- Velvet Ash

For each of the five that you choose, complete the following:

1. Draw and color a picture of the plant and its background, or take a picture and attach it by tape, glue or staples. (Pictures should NOT be printed.)
2. Write the plant's common name and the scientific name.
3. List the structures of the plant you can identify. For each structure, write the function that the structure performs for the plant.
4. Research how the plant is beneficial to humans. What is it used for? How can it help us? (NOTE: making oxygen is not an answer for this question)
5. Research and describe how this plant has adapted to the Sonoran Desert. How can it handle the intense weather of our climate?

This can be typed or not, but all five questions need to be completed for all five of the plants you selected. Your answer should be in **complete sentences** and should completely answer the question(s).

Finally, you need to cite **all of your sources** at the end of your report. Create a Citation Section at the end of your report and create bullet points for each of the website or books you used in your research. Remember, Google is NOT a website to cite. Google is a search engine not a citation.

Email Miss Johnson at ajohnson@kyrene.org if you have any questions on this assignment.