I am pretty much becoming an expert on sharks and my name is:

**LAB STATION B: Great White Shark Research!**

**So Cool Questions to Accompany *Charcharodon carcharias* website**

**https://www.flmnh.ufl.edu/fish/discover/species-profiles/carcharodon-carcharias**

1. Describe the coloration of *Carcharodon carcharias*  or the Great White Shark.

2. Where is the name “White Shark” believed to have come from?

3. The Kingdom, Phylum, Class, and species of White Sharks are listed below. Please add Order, Family, and Genus.

 **Classification of Great White Shark**

 **Kingdom – Animalia**

 **Phylum - Chordata**

 **Class - Chondrichthyes**

 **Order - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Family - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Genus - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Species – *Carcharadon carcharias*** (The genus is always the first word in a species name)

4. Importance to Humans

 Describe three reasons for the alarmingly high capture of White Sharks by humans:

 1.

 2.

 3.

5. Danger to Humans

 Click on the blue link under “Danger to Humans” for statistics on white shark attacks.

 Next, click on the world map of confirmed unprovoked shark attacks on “Maps & Trends”

 a. Which three countries have the highest number of shark attacks?

 1. 2. 3.

 b. List the number of shark attacks from 1580 – present for each of those countries.

 COUNTRY NUMBER OF ATTACKS

 1.

 2.

 3.

 c. Looking at the United States, list the three states with the highest number of attacks

 (Click on “USA” below the map.)

 STATE NUMBER OF ATTACKS

 1.

 2.

 3.

 For California, what does this calculate to for yearly attacks?

 (Total number of attacks divided by the number of years – 1837 – Present)

 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ attacks per year. (Round to the nearest hundredths please)

6. Kindly click back to the White Shark article. Under Conservation, describe why White Sharks are considered adaptable predators?

7. Geographical Distribution

 Describe the range of White Sharks in the western Pacific please:

8. What are three distinguishing characteristics of white sharks?

 1.

 2.

 3.

9. Size, Age & Growth

 a. What is the maximum total length of this species? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_cm (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ft)

 b. At what total length do males and females mature?

 Males = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_cm (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ft)

 Females = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_cm (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ft)

10. Please share one bit of information on Social Behavior:

11. Please add one interesting tidbit of information on Reproduction: