Types of Coral Project

Please research the following. If you find another type of coral while researching that you prefer, feel free to use something that is not on this list. There are MANY more types that I have not listed. While looking, I want you to focus on the types that interest you. Pick coral that you enjoy the look of, or that you are interested in the way they live.

Types of Coral: Not an all-inclusive list.

Please list a brief description and a picture for each of the following types. If you choose a different type that is unlisted, you can replace one of the coral that I listed. You only need to do nine total.

1. Sea Pen
2. Black Coral
3. Staghorn Coral
4. Blue Coral
5. Elkhorn Coral
6. Antipathes
7. Leptopsammia
8. Pillar Coral
9. Sarcophyton
10. What is the difference between soft coral and hard coral?

Please choose 4 of the coral that you researched above to focus on for the rest of the project.

1. Looking at the four types of coral that you chose, are they considered hard or soft coral?
2. Where do they live? Please be as specific and inclusive as possible. If they are present in many places, please list all that you can find.
3. Are the corals that you are looking at growing or shrinking in number over the past 25 years?
4. Worldwide, how are the number of all types of corals now, compared to 25 years ago?
5. We have learned about coral bleaching both through the film “Chasing Coral” and the websites from the Smithsonian Museum. Please explain what can cause coral to bleach.
6. Have the corals that you chose been affected by the 3 instances of widespread bleaching over the past 20 years? Please answer for each specific coral that you chose.
7. When researching coral reefs, please explain the difference between a coral reef, and a coral animal.
8. What are some benefits that coral reefs offer the environment within the ocean? Are there any benefits to the environment outside of the ocean?
9. What will happen if all of the coral are killed due to the climate change that is currently taking place around the world. Could the world continue as it is without any coral or especially coral reefs? Please do not just give your opinion, but back it up with information that you find online through your research.

After completing your research, I want you to put together a presentation with a partner.

Ask me for details when you have completed the research.

Thank you so much!