



Science Interest Quiz

Read the 5 scenarios below and answer them honestly. Once you are done, turn the page over to determine which area of the science process interests you the most.

1. You arrive at the beach and see an animal you've never seen before, you:
 - a. Take a look around the area to get clues about what it might be.
 - b. Find the tools you need to keep it safe and take a closer look.
 - c. Ask questions about it, and try to answer them through observations or experiments.
 - d. Find a family member to describe the animal to and share your discovery.
2. You read online that the temperature in City Heights is expected to raise 10 degrees over the next 10 years due to climate change. You:
 - a. Look online to verify this information.
 - b. Start creating a personal air conditioning device to stay cool on hot days.
 - c. Take temperatures daily in your community to see who will be affected the most.
 - d. Talk to your classmates about it, make a plan, and share that plan online.
3. You are doing your homework at Ocean Discovery and notice that there seems to be students of all ages present. You begin to wonder what is the most common age of students present, so you:
 - a. Walk around Ocean Discovery's Living Lab, make observations, and guess student ages.
 - b. Create a tool that measure heights of students to predict their ages.
 - c. Develop a system for asking students their ages and calculate the average age of the students.
 - d. Talk to your family and share your observations and ask them about what they think.
4. You are exploring Cabrillo National Monument with your class and you notice that there is a pod of dolphins swimming in the ocean. You:
 - a. Use your binoculars to look at the dolphins to learn more about them.
 - b. Design a system that would make your binoculars more powerful and see closer.
 - c. Make predictions about where the dolphins will go next and collect data.
 - d. Tell everyone where the dolphins are and what they are doing.
5. You are walking to school and see more litter on the ground than usual. After picking it up, you:
 - a. Look around to see if you can determine its source.
 - b. Design a cheap method for quickly picking up litter that can be used by the community.
 - c. Design an experiment to test the source of the trash and when it is being littered.
 - d. Take pictures, write a summary, and share with your school to create awareness.



Write your answers below:

Question 1: _____

Question 2: _____

Question 3: _____

Question 4: _____

Question 5: _____

What type of scientist are you?:

- If you answered mostly A's you are an Explorer! When you are doing science you enjoy:
 - *Making observations*
 - *Finding patterns*
 - *Asking questions*
 - *Researching what scientists already know*
- If you answered mostly B's you are a Change Maker! When you are doing science you enjoy:
 - *Building knowledge*
 - *Developing technology*
 - *Solving problems*
 - *Informing school rules*
- If you answered mostly C's you are a Researcher! When you are doing science you enjoy:
 - *Making hypotheses*
 - *Designing investigations*
 - *Gathering and examining data*
 - *Summarizing data*
- If you answered mostly D's you are a Communicator! When you are doing science you enjoy:
 - *Creating summaries and sharing them*
 - *Getting feedback*
 - *Using details to create your point*

On your washer bracelet write the underlined type of scientists on clear side and tie the bracelet around your wrist.

Let's go do some science!