

Student Code _____

Below are a series of descriptive teaching scenarios for a typical science classroom. For each statement, please check the box indicating whether or not you feel the description is representative of inquiry science teaching and provide a brief written rationale for your decision.

1. Having students gather data for a local non-profit organization.

- Inquiry Teaching

- NOT Inquiry Teaching

If so, why?

If no, how could it be made into inquiry?

2. Giving students a white powder and asking them to determine what the powder is.

- Inquiry Teaching

- NOT Inquiry Teaching

If so, why?

If no, how could it be made into inquiry?

3. Asking students to develop and answer their own questions about a local wetlands area.

- Inquiry Teaching

- NOT Inquiry Teaching

If so, why?

If no, how could it be made into inquiry?

4. Having students follow a procedure to complete a lab.

- Inquiry Teaching

If so, why?

- NOT Inquiry Teaching

If no, how could it be made into inquiry?

5. Asking students to use what they know about a local forest to decide whether an old folks home should be built on that land.

- Inquiry Teaching

If so, why?

- NOT Inquiry Teaching

If no, how could it be made into inquiry?

6. Having students classify substances based upon their observable properties.

- Inquiry Teaching

If so, why?

- NOT Inquiry Teaching

If no, how could it be made into inquiry?

7. Having students use graphics on the Internet to explain how gas molecules move.

- Inquiry Teaching

If so, why?

- NOT Inquiry Teaching

If no, how could it be made into inquiry?

8. Having students make presentations of data collected during lab.

- Inquiry Teaching

- NOT Inquiry Teaching

If so, why?

If no, how could it be made into inquiry?

9. Asking students to improve on a basic design (make an airplane fly further, make a motor spin faster, etc.).

- Inquiry Teaching

- NOT Inquiry Teaching

If so, why?

If no, how could it be made into inquiry?

10. A class discussion about the arrangement of the periodic table.

- Inquiry Teaching

- NOT Inquiry Teaching

If so, why?

If no, how could it be made into inquiry?