

# Inquiry Card Question Matrix

## Type of Inquiry:

Experimental Design

## Process Skills:

Observing, questioning, comparing, contrasting

## The Scenario:

Show young scientists an object, event, or situation. Ask them to make observations.

## Question Matrix Template:

	Is	Did	Can	Would	Will	Might
Who						
What						
Where						
Why						
When						
How						

## Open-Ended Inquiry Questions:

- Use the question matrix on the reverse to generate as many questions as possible about a situation or scenario.
- Ask about details
  - What do you notice?
  - Zoom-in Zoom-out.
  - Be descriptive
  - What does it feel like? look like? smell like?
- What could they be counting & measuring
  - How many?
  - How long?
- How would they compare & contrast
  - In what ways are these different / the same?
  - Can you describe an order or pattern to \_\_\_\_?

## Instructions:

- This is a crucial and fundamental activity that can be used at all levels of inquiry.
- After young scientists generate questions ask them to sort them. Can their questions be answered by:
  - Research
  - Experiments
  - Innovation



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