

What is a Phenomenon?

Think about your day.

- What did you observe?
- What did you wonder?



Share Observations

Share your observations with your table.

Would you call any of your observations phenomena?
Why or why not?

Defining Phenomena



Scientific phenomena are occurrences in the natural and human-made world that can be observed and which cause one to wonder and ask questions.

Phenomena Card Sort

Use the definition of phenomena to decide as a group if these are phenomena or not.

Sort the cards into two piles:

- Phenomena
- Not Phenomena

Defining Phenomena



Scientific phenomena are occurrences in the natural and human-made world that can be observed and which cause one to wonder and ask questions.

How this looks in real life



I wonder where all of these plants came from? They weren't here last time I walked past here.

Invasive
Species

Invasive species
can have a negative
impact on an
ecosystem by
increasing
competition for
resources

*Arundo
donax* is
overtaking
the stream

Topic

Concept

Phenomenon

Phenomena Share

Consider the observations you discussed earlier.
Could you revise those statements to be phenomena?

Are there phenomena in your work that would spark the wonder in students?

Discuss as a table and be prepared to share.