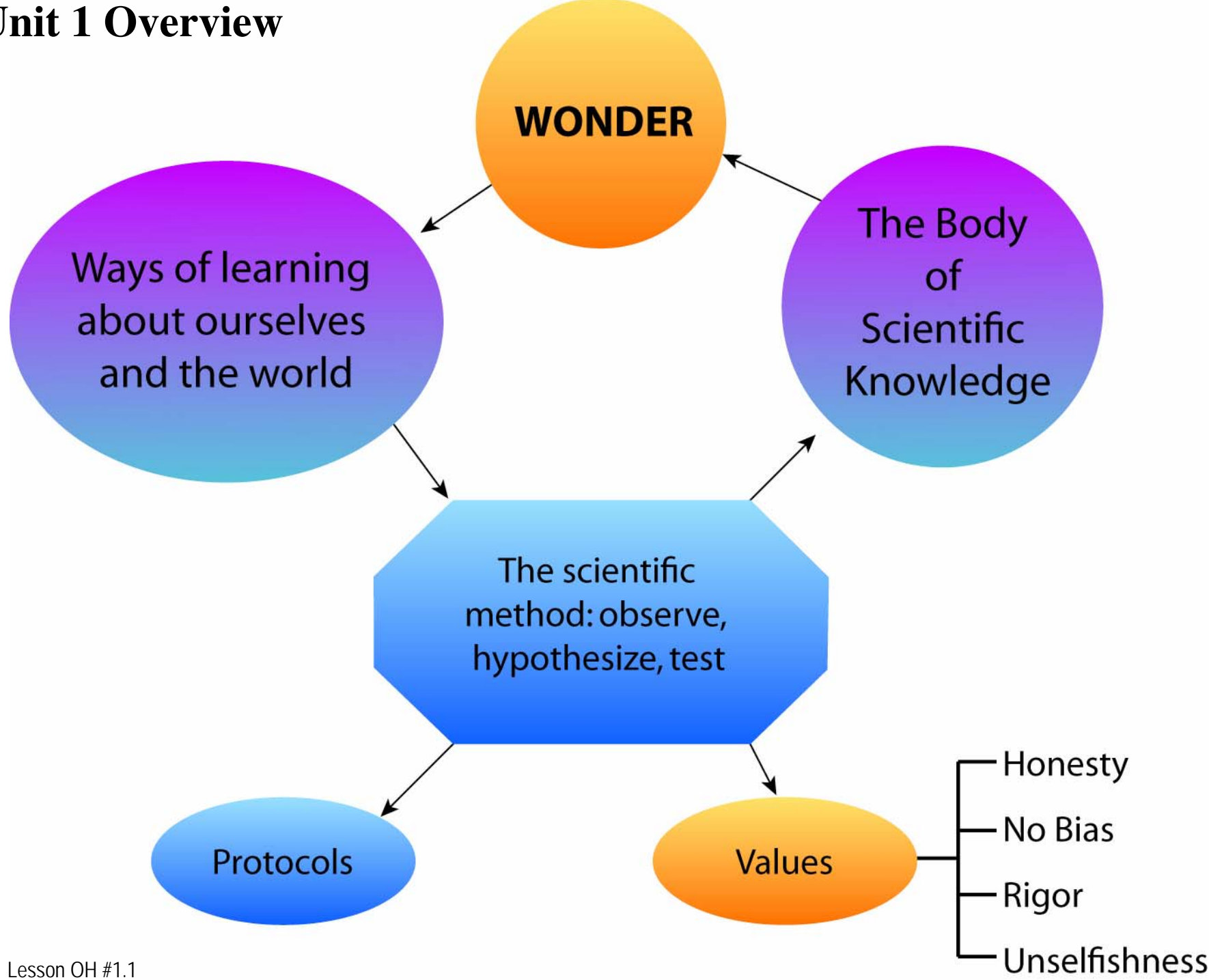


Unit 1 Overview



A Protocol is a...

1. procedure



established method of doing something

Examples:

2. code of behavior



appropriate actions for a group,
place, or situation

Examples:

3. set of rules



correct way or system of behavior

Examples:

Name _____

Observe

- * What do I notice?
- * What might I want to see more?

Question & Wonder

- * What question(s) do I have?
- * What makes me curious?

Share Findings

- * Who might benefit from what was learned?
- * How might this best be shared?
- * What might be my next steps?

Gather Background Information

- * What do I already know?
- * Where might I find out more?
- * What new information do I need?

Analyze Findings

- * What have I learned?
- * How accurate was my hypothesis?
- * What new questions do I now have?

Create Hypothesis

- * What do I think is the most likely answer to my question?
- * How might I make a measurable test of this hypothesis?

Test Hypothesis

Conduct your experiment AND/OR in-depth research

- * What kind of data do I need to test my hypothesis?
- * How can I make sure my resources are accurate?
- * What experiment materials do I need?
- * What procedure and protocols will I follow?
- * How can I best write down what I learn?
- * How will I measure, analyze, and display my results?

The Scientific Method



Using the Scientific Method



Name _____ Date: ____ Per: ____

STEPS	What <u>might</u> someone DO, SEE, HEAR, or EXPERIENCE during these steps?
Observe	
Question and Wonder	
Gather Background Information	
Create Hypothesis	
Test Hypothesis	
Analyze Findings	
Share Findings	

Signature: _____

HOMework

WHAT: Using the Scientific Method Worksheet

HOW:

1. Complete worksheet #1.
2. Locate someone at home and share worksheet and handout.
3. Obtain signature.