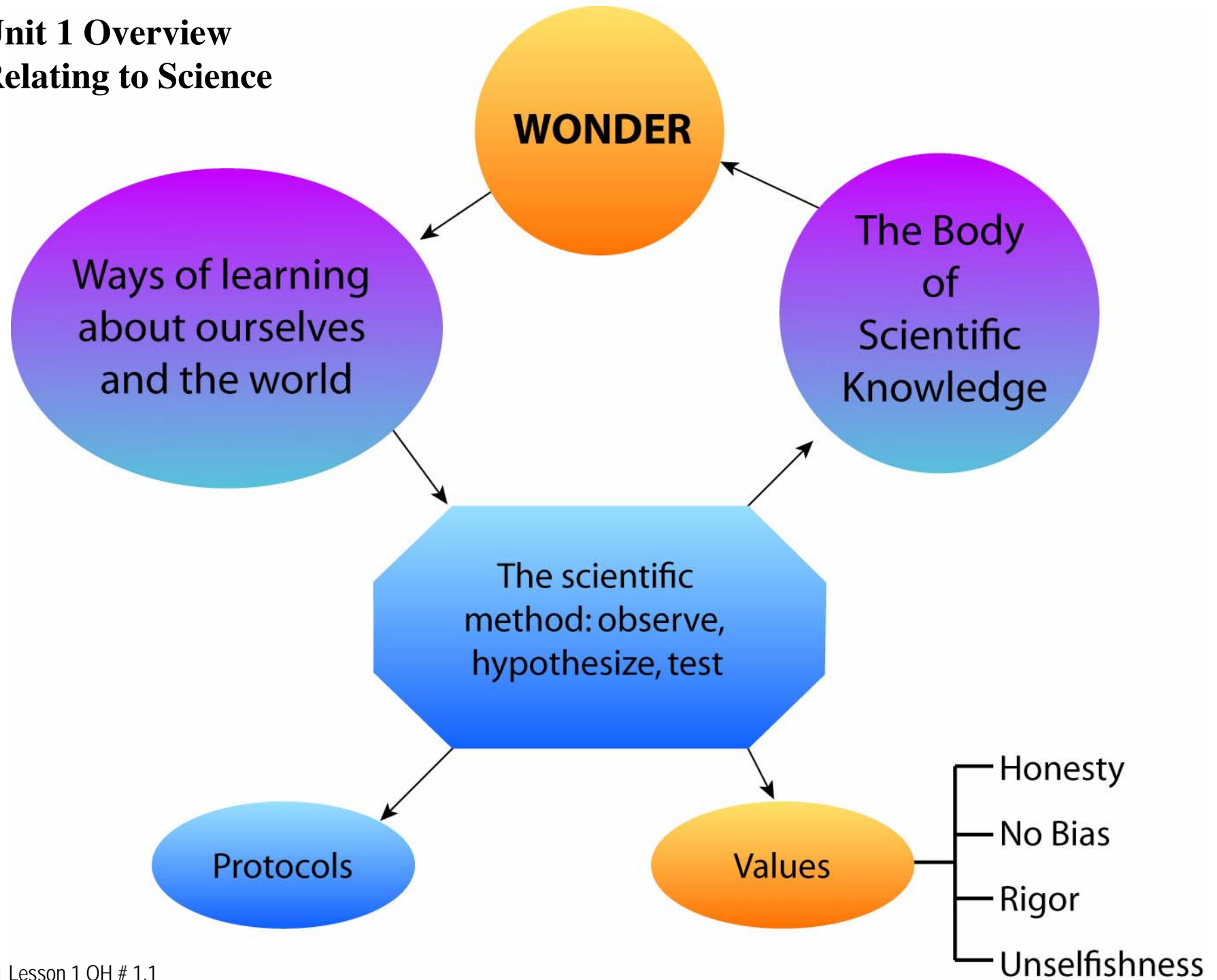
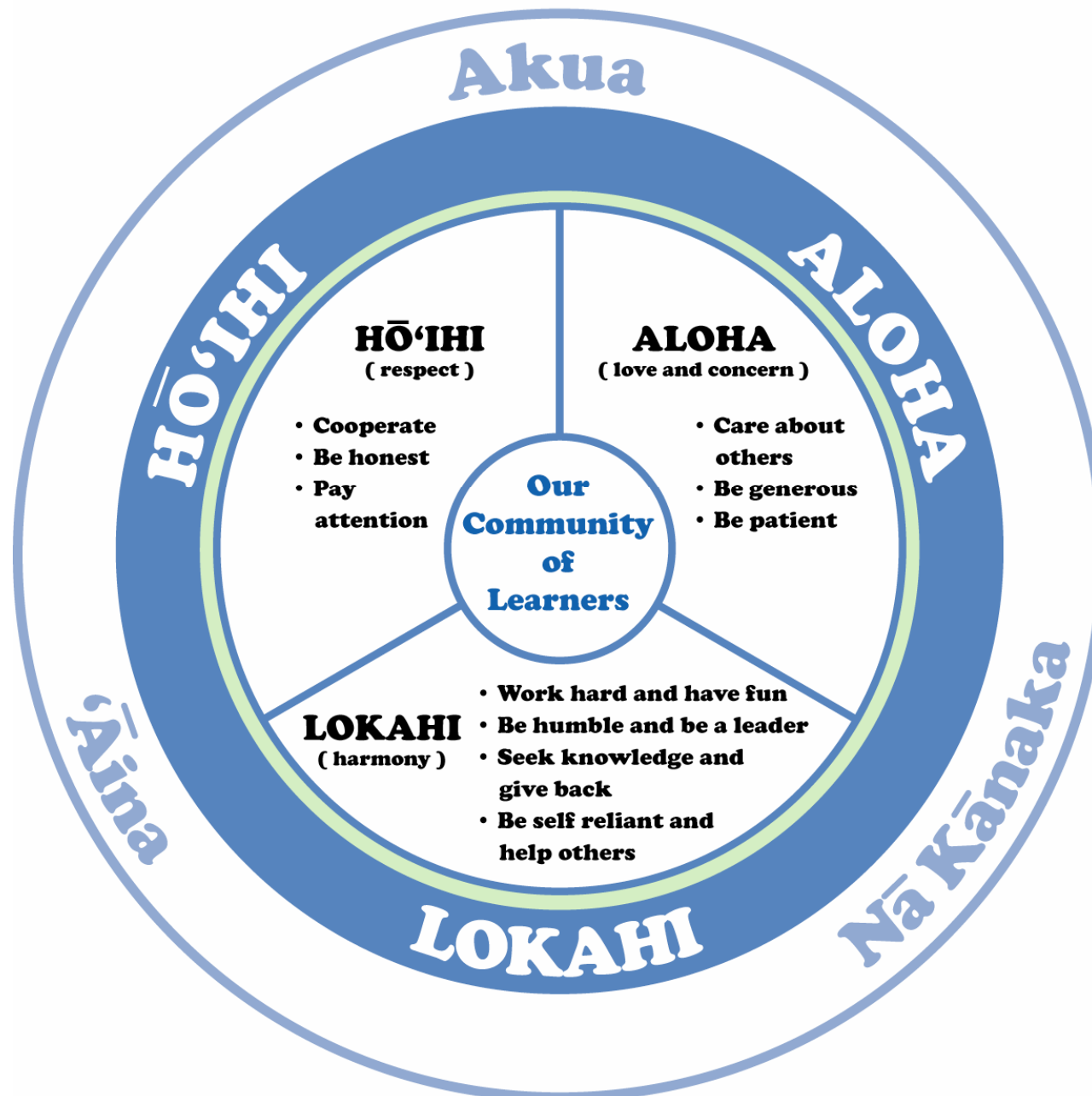


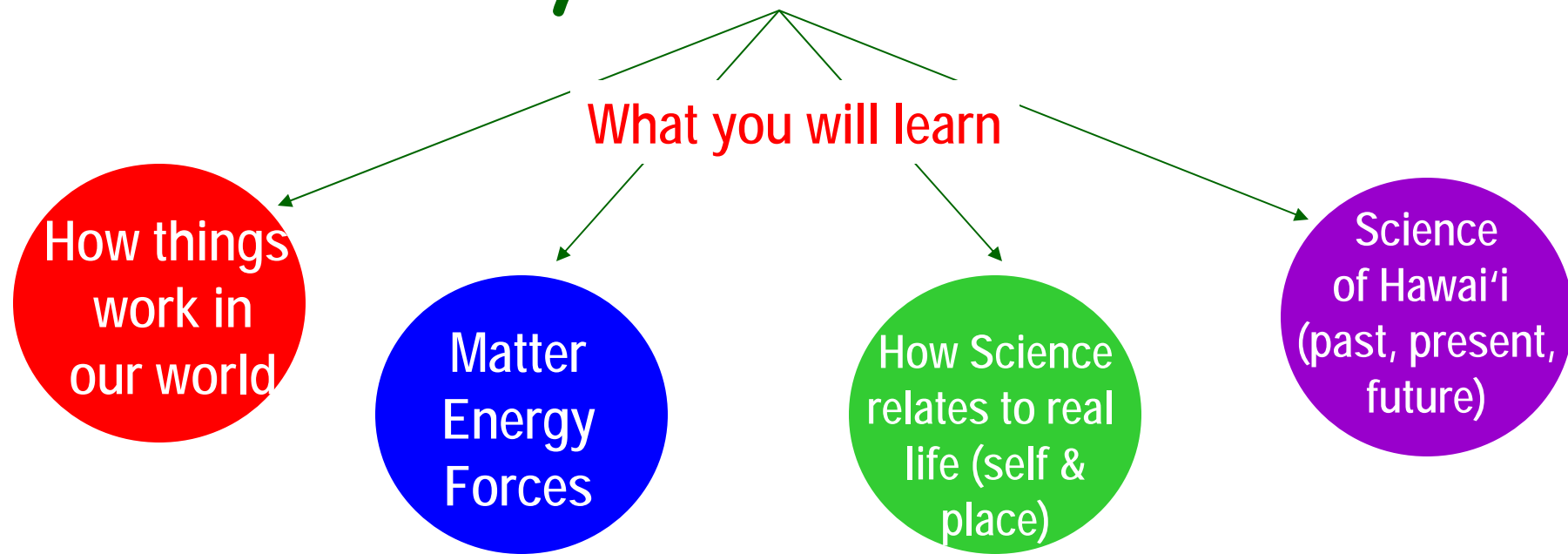
Unit 1 Overview Relating to Science



Core Values



Big Ideas in Physical Science



Big Ideas in Physical Science

How you will learn

Hands-on activities

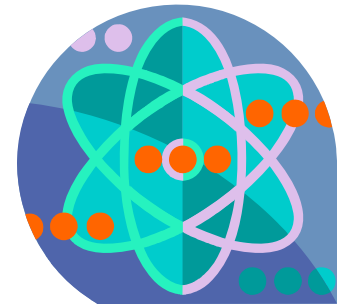
Projects

Observing, discussing, reading, writing, thinking, drawing

Active learning: pairs, small groups, whole class

Course Overview ~ Units:

- 1 - The Relevance of Science
- 2 - Physical Science - What is it?
Why Study it?
- 3 - Connecting to Origins
- 4 - Matter Matters
- 5 - Impact Zones
- 6 - The Global Heat Engine
and Mahina





Name _____ Date: _____ Per: _____

6th Grade Physical Science Course Overview

WHAT YOU WILL LEARN:

- How things work in our world
- About MATTER, ENERGY and FORCES
- How science relates to real life (self and place)
- Science of Hawaii - past, present, future

HOW YOU WILL LEARN:

- Projects and Hands On Activities
- Observing, Discussing, Reading, Writing, Drawing
- Cooperative Learning Activities (pairs, groups)

UNITS:

1. Relevance of Science
2. Physical Science: What is it? Why study it?
3. Connecting to Origins
4. Matter Matters
5. Impact Zones
6. Cycles and Patterns of:
The Global Heat Engine
and Mahina (The Moon).



Questions and Comments:



What is science? Why study it?

Shared with: _____
signature: parent or guardian

Course Self-Assessment:**Science and Me**

Name _____ Date _____ Per _____

Directions: Complete each statement/question below:

1. What is science?

2. Do you know any scientists? If so, who are they? What do they do?

Directions: Circle one number that best describes you:

| | YES | MAYBE | NO | DON'T KNOW |
|---|-----|-------|----|------------|
| 3. I enjoy learning about science. | 3 | 2 | 1 | 0 |
| 4. I know quite a bit about science. | 3 | 2 | 1 | 0 |
| 5. I would like to know more about science. | 3 | 2 | 1 | 0 |

Culture and Me**Directions: Use the scale below to rate each statement:**

Almost Always = 3

Sometimes = 2

Usually Not = 1

Don't Know = 0

ALOHA (caring and concern)

- ___ I show caring for other students
- ___ I express warmth when greeting others
- ___ I forgive others
- ___ I am generous with others
- ___ I am patient with others

LŌKAHI (harmony)

- ___ I encourage others to cooperate
- ___ I help others solve disputes
- ___ I help to restore harmony
- ___ I give back to others
- ___ I am humble with others

HŌ'IHI (respect)

- ___ I show respect to the teacher
- ___ I show respect to other students
- ___ I do not boast
- ___ I cooperate with others
- ___ I am honest with everyone

HOMework

WHAT:

1. Course Self-Assessment Worksheet #2
2. Course Overview Worksheet #1

HOW:

1. Complete worksheet #2.
2. Share worksheet #1 with an adult.
3. Ask adult to share their definition of science (What is science? Why study it?) write notes, and sign.
4. Obtain a 2" 3-ring binder with 8 dividers and 3-ring spiral notebook or notepaper.