

Nature of Science Unit:

Day 1—Quick write about science

Science is puzzling activity

Days 2 and 3—Scientific method notes and activities

Homework: ch 1, pages 8-13 Tell what Redi, Needham, Spallanzani, and Pasteur did in regards to scientific method, how they improved on previous scientists working on Spontaneous Generation, and why it was important

Day 4—Lego Theory activity

Hypothesis, theory, law notes

Hypothesis, theory, law venn diagram

Day 5—Categorize science skills into groups for thinking, experimenting, researching or communicating

Discuss scientific attitudes

Discuss bias, apple observation activity

Palpate a pachyderm poem activity

Day 6—lab equipment, safety rules, symbols, and quiz

Day 7—Communication in science, discuss why it's important

Language of science reference page, try example words

Peer review, Talking with Toothpicks communicating activity

NOS Vocab quiz

Homework: Prepare next unit cover page for CHEMISTRY IN BIOLOGY

Day 8&9—Metric system, practice conversions

Homework: AHA Thesis and Self-Reflection

Day 10—Metric Lab

Homework: Take home test for Nature of Science Unit

Students should be writing a CONNECTION for the AHA Connections page after each activity they are told to put in their Table of Contents. This is the process for this unit only.

Students will be shown a further step to take in their INQUIRY NOTEBOOK. They will be given explicit instructions on how to set up their notebook from now on. Also, they will be given a rubric for how their notebooks will be graded.