

This Week in Science: # 3

Name:

Dates:

Task:

“Science is the knowledge of consequences, and dependence of one fact upon another.”

Thomas Hobbes

Terms: immiscible, meniscus, displacement, inert, vacuum, expansion, contraction, thermometer, units of temperature

Monday:

Activity: Finish Lab 3 (Density Predictions)

Learning Target: I will compare densities of solids and liquids to predict the layering of a density tower.

Conceptual Question: How can you accurately predict if something will sink or float in a given liquid?

What's Due: Tasks 10 & 11 (Lab 2 and its Summary)

Tuesday:

Activity: Begin Lab 4 (Do gases have density?)

Learning Target: I will develop a procedure that allows me to find the density of air using the provided tools.

Conceptual Question: What procedure will allow me to find the density of matter in the gaseous state?

What's Due: Tasks 12 & 13 (Lab 3 and its Summary)

Wednesday:

Activity: Silent reading (short period due to early release)

Learning Target:

Conceptual Question:

What's Due: Nothing

Thursday:

Activity: Finish Lab 4

Learning Target: I will find the density of air using vacuum pump.

Conceptual Question: How can I prove that air has density?

What's Due: Nothing

Friday:

Activity: Begin Lab 5

Learning Target: I will build and calibrate a working thermometer.

Conceptual Question: What influence does temperature have on density?

What's Due: Tasks 15 & 16 (Lab 4 and its Summary)

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Answers to Conceptual Questions:

Monday:

Tuesday:

Wednesday:

Thursday:

Friday: