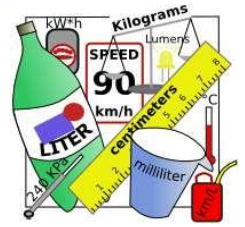




Jrac Science

Weekly Plans for
Monday, September 2, 2024 – Friday, September 20, 2024



Monday: 9/2/24 – Labor Day – NO SCHOOL

Tuesday: 9/3/24 – Special Schedule for STAR: ELA testing (1st period will be switched with 9th period)

Plan to: Introduction to the Lab, the major Lab equipment, and Lab safety.

Target: Students will learn how to safely use the lab equipment that will be need for future labs.

- Due today: Completed activity Sheet: “Bridge Building: Can you hold the 7 Bridges Load?”
- Assignments: Study Lab equipment/ safety sheet (This information will be included on the next unit test)

Wednesday: 9/4/24– Special Schedule for STAR: MATH testing (1st period will be switched with 9th period)

Plan to: Begin New Unit: The Nature of Science with classroom discussion/Notes on “What is Science?”

Target: Students will start to gain a better understanding of Physical Science

- Due today: Nothing
- Assignments: Review/ Finish notes from today (Notes can be found on my website – You will need the passcode to view)

Thursday: 9/5/24

Plan to: Discuss Experiment Terms, and How to design a VALID Experiment.

Target: Students will start to gain a better understanding of the process and steps necessary to conduct a valid experiment.

- Due today: Nothing
- Assignments: Review/ Finish notes from today (Notes can be found on my website – You will need the passcode to view)

Friday: 9/6/24

Plan to: Work on Technical Procedure Writing. (WIDI), then work on assignment to identify parts of an experiment and design a valid experiment for a given problem.

Target: Students will use their knowledge to evaluate an experiment to determine if it was a valid experiment

- Due today: Nothing
- Assignments: Finish Wks: “Valid Experimental Designs”

Monday: 9/9/24

Plan to: Review homework, then more Experimental Design with the Mythbusters

Target: Students will use their knowledge to evaluate an experiment to determine if it was a valid experiment

- Due today: Wks; Valid Experimental Designs”
- Assignments: Finish Wks: “Designing Experiments with the Mythbusters” and begin working on **UNIT: The Nature of Science Study guide** (Answer key are posted on my website for you to check answers)

Tuesday: 9/10/24

Plan to: Review homework, then take **Experimental Terms Formative Assessment**. Finally, begin DAY ONE of a 3 day Lab: “Experimental Design: You spin me right round, baby right round!”

Target: Students will demonstrate their knowledge of the Experimental terms on a formative assessment.

- Due today: Wks: “Designing Experiments with the Mythbusters”
- Assignments: Begin to think about any material you might need for your experiment and start to gather it.

Wednesday: 9/11/24

Plan to: Continue Lab: “Experimental Design: You spin me right round, baby right round!” – (Day 2 = select hypothesis, write procedure, and setup your data table).

Target: Students will use their knowledge to design an experiment that is a valid experiment

- Due today: Nothing
- Assignments: prepare to collect data tomorrow.

Thursday: 9/12/24

Plan to: Continue Lab: “Experimental Design: You spin me right round, baby Right round” (Day 3 = ONLY Data collection and reflection day)

Target: Students will use their knowledge to design an experiment that is a valid experiment

Due today: All Data must be collected by the end of this period.

Assignments: Student should Finish Lab by **INDIVIDUALLY completing their C.E.R**

Friday: 9/13/24

Plan to: Review Game – Unit 1: “Nature of Science”

Target: Students will demonstrate their knowledge of Experimental Design and the Nature of Science.

Due today: Completed Lab: “Experimental Design: You spin me right round, baby Right round”

Assignments: Prepare for tomorrow’s unit test.

Monday: 9/16/24 **TEST** – Summative Unit Test

Plan to: Take the Unit Test: Nature of Science

Target: Students will demonstrate their knowledge of Experimental Design and the Nature of Science on the summative assessment.

Due today: Nothing

Assignments: Read Chapter 1-2: Standards of Measurement (pages 14 – 20)

Tuesday: 9/17/24

Plan to: BEGIN our NEW unit on the SI System of Measurement with Notes: Intro to the SI system

Target: Students will start to gain a better understanding of measuring length and converting within the SI System

Due today: Nothing (But make sure you have read the pages assigned)

Assignments: Watch the assigned Videos (Check Schoology)

Wednesday: 9/18/24

Plan to: Begin Notes: Understanding Measuring in the SI system

Target: Students will start to gain a better understanding of measuring length and converting within the SI System

Due today: Nothing (But make sure you have watched the assigned videos)

Assignments: Watch the assigned Videos (Check Schoology)

Thursday: 9/19/24

Plan to: Finish Notes on SI measuring to the precision of the measuring instrument and how to easily convert within metric units.

Target: Students will start to gain a better understanding of measuring length and converting within the SI System

Due today: Nothing

Assignments: Wks: “Learning to read the Meter stick”

Friday: 9/20/24

Plan to: Review Homework and then work on measuring length with Lab “Measuring the Room”

Target: Students will continue to gain a better understanding of measuring length

Due today: Wks: “Learning to read the Meter stick”

Assignments: Complete Lab “Measuring the Room” (Conversions)

