

# Unit 1 Calendar

Monday	Tuesday	Wednesday	Thursday	Friday
9  Scientific Notation Content	10  Scientific Notation Practice	11  Scientific Notation Stations	12  Metric System Content	13  Metric System Practice
16  NO SCHOOL	17  Measurement Lab Day 1	18  Measurement Lab Day 2	19  Unit 1 Review	20  Unit 1 Test Unit 1 Binder Check

# Unit 1: Physics Toolkit



This unit will be the first of two introductory units that will help you learn about the fundamentals of science. In this unit we will cover measurement, the metric system and scientific notation.

**Required Elements:**

- ☐ Unit 1 Quiz
- ☐ Unit 1 Binder Check

**Choice Elements:**

- ☐ 2 Scientific Notation Content
- ☐ 2 Scientific Notation Practice
- ☐ 1 Scientific Notation Stations
- ☐ 2 Metric System Content
- ☐ 2 Metric System Practice
- ☐ 1 Measurement Lab

# Metric System & Measurement

## Content Elements – Choose 2

- ☐ Video Lesson – Watch videos that help you learn about the subject. You are required to take notes for your binder.
- ☐ Mini Lecture– Attend a mini lecture with your teacher to learn the content. Notes are required for your binder.
- ☐ Online tutorial– Read through a tutorial and complete questions at the end. Notes and question answers must be recorded for credit.

## Practice Elements – Choose 2

- ☐ Metric Conversion Challenge I – Need some basic review? Complete this worksheet with a group review in class.
- ☐ Metric Conversion Challenge II – Already feel confident in metric conversions? Work on this worksheet to practice
- ☐ Metric Conversion Challenge III – Want a big challenge? Here 's the practice for you!

## Measurement Lab – Required

- ☐ Work with your group to complete a lab that practices measuring objects in the metric system

# Scientific Notation

## Content Elements – Choose 2

- ☐ Video Lesson – Watch videos that help you learn about the subject. You are required to take notes for your binder.
- ☐ Mini Lecture– Attend a mini lecture with your teacher to learn the content. Notes are required for your binder.
- ☐ Online tutorial– Read through a tutorial and complete questions at the end. Notes and question answers must be recorded for credit.

## Practice Elements – Choose 2

- ☐ Scientific Notation Challenge I: Practice writing in scientific notation with a guided activity with your teacher
- ☐ Scientific Notation Challenge II: Work on more advanced problems and check with a partner when you are done
  - ☐ Scientific Notation Challenge III: Work on more advanced problems that use word problems to solve.

## Scientific Notation Stations – Required

Complete you practice of scientific notation with stations testing your knowledge.

# Binder Check Rubric

\*Binders must be organized with contents from oldest to newest\*

\_\_\_\_\_/20 Scientific Notation Content (2)

\_\_\_\_\_/20 Scientific Notation Practice (2)

\_\_\_\_\_/20 Scientific Notation Stations (1)

\_\_\_\_\_/20 Metric System Content (2)

\_\_\_\_\_/20 Metric System Practice (2)

\_\_\_\_\_/20 Measurement Lab (1)

\_\_\_\_\_/10 Binder is in Correct Order

\_\_\_\_\_/130 Unit 1 Binder Check