

General Science Module 4 Homework 2023

Tuesday 10/3

- Read pages 83-87 “Intro and Simple Machines”
- Complete Study Guide Questions 1-7

Wednesday 10/4

- Read pages 88-92 “The Lever”
- Complete Study Guide Questions 8-11
- Look around your house and try to find a lever that we **DID NOT discuss in class** or that is not discussed in your book. *****Draw, label, and classify the lever with your study guide questions.**

Thursday 10/5

- Read pages 93-95 “The Wheel and Axle”
- Complete Study Guide Questions 12-14

+10 point Bonus Opportunity: Build a Car with Wheels and Axles

Example materials (you may use other items if you wish): (Lego wheels ONLY)

- *Axle: Skewers, pencils, stir sticks, tooth picks or hard plastic drinking straw*
- *Wheel: Buttons, thread spools, LEGO® wheels, plastic container lids, or water bottle lids*
- *Frame: Tissue boxes, piece of wood, plastic container, water bottle or small cereal box – no legos*

On a sheet of paper answer: How did your car perform? Do you think it would go faster with larger wheels or with a longer axle? Do you think the wheel base needs to be longer or shorter?

Bring in your car and paper to share with the class on October 15.

Tuesday 10/10

- Read pages 95-100 “The Pulley” “The Inclined Plane”
- **READ** On Your Own Question pg 99
- Complete Study Guide Questions 15-17

Wednesday 10/11

- Read pages 100-104 “The Wedge” and “The Screw”
- **READ** On Your Own Questions
- Complete Study Guide Questions 18-20
- Complete Simple Machine Worksheet (last worksheet)

Thursday 10/12

- Review Study Guide & On Your Own Questions for test

Friday 10/13 - Test

1. We will briefly review for test in class
2. Homework is due today
3. Car with Wheels and Axles Bonus Project Due (if participating)

NO CLASS ON MONDAY, 10/9

Unfortunately, this means we will not get to review for your test in class. I will be sending you a review sheet on Monday via Edvance email, and we will also review before the test on Friday.

I will send the answers to your Study Guide Questions on Wednesday morning, so that you can check your answers and study.

POINTS Total 225

Find a Lever Homework–	50pts
Study Guide Questions –	50pts
Worksheet	- 25pts
Test	- 100pts
TOTAL	_____