Teacher: Mr. Neufeld
Subject: Physics
Periods: 2, 4, 5
Week 2: 4/27 – 5/1

Content Area & Materials	**Learning Objectives**	**Tasks**	**Check-in Opportunities** • Email	**Submission of Work for Grades** • Method: Scan, photo, upload, or deliver
Conceptual Physics textbook	Students will be able to: 1. Explain why light is considered electromagnetic radiation 2. Identify regions in the electromagnetic spectrum by name 3. Explain how the 2-way speed of light may be found 4. Explain the atomic spectra.	Read pages 589-591, 404-408, 421-422, and 436-438 from the textbook. The corresponding sections are 37.8, 27.1 – 27.3, 28.1, and 28.11. Define key terms: Photons, light-year, electromagnetic wave, electromagnetic spectrum, infrared, ultraviolet, spectrum, white light, spectroscope, line spectrum Answer questions: Page 593: 21-22, 29 Page 419: 1-8 Pages 439-440: 1-2, 23-25	**Teacher Office Hours** Monday through Friday 9:00-10:00 a.m. & 4:00-5:00 p.m. Students may participate in office hours through email or edmodo.	**Due** by Friday, May 8 at 3 p.m. **Digital:** Submit all assignments though edmodo.com. **Unplugged:** Drop off assignment to the school. Staple all pages together and label each page as shown at the top of this page along with your name: teacher, subject, period, assignment, and student name.

Teacher: Mr. Neufeld
Subject: Physics
Periods: 2, 4, 5
Week 3: 5/4 – 5/8

Content Area & Materials	**Learning Objectives**	**Tasks**	**Check-in Opportunities** • Email	**Submission of Work for Grades** • Method: Scan, photo, upload, or deliver
Conceptual Physics textbook	Students will be able to: 1. Explain why evidence supports using the wave model of light in some instances and the particle model of light in others 2. Explain the photoelectric effect	Read pages 442-444, 448-452, 480-485, and 596-598 from the textbook. The corresponding sections are 29.1-29.2, 29.6-29.8, 31.1-31.2, and 38.1-38.3. Define key terms: Reflection, angle of incidence, angle of reflection, law of reflection, refraction, wave fronts, Huygens' principle, diffraction, quanta, Planck's constant, photoelectric effect Answer questions: Pages 460-461: 1-5, 12-19 Page 497: 1-4 Pages 607-608: 1-9	**Teacher Office Hours** Monday through Friday 9:00-10:00 a.m. & 4:00-5:00 p.m. Students may participate in office hours through email or edmodo.	**Due** by Friday, May 15 at 3 p.m. **Digital:** Submit all assignments though edmodo.com. **Unplugged:** Drop off assignment to the school. Staple all pages together and label each page as shown at the top of this page along with your name: teacher, subject, period, assignment, and student name.