

## September 8-11

**Office Hours This Week:** Wednesday and Friday 8-8:45 (CFU retakes)

**Explorer Time:** *This week I will be offering skittle lab redos*

**Block 2,3,4:** Wed/Fri 1:15-2:15

**Block 5,6:** Tues/Thurs 1:15-2:15

<b><u>Week Day</u></b>	<b><u>Objective</u></b>	<b><u>Assignment</u></b>
<b>Monday</b>	HOLIDAY	HOLIDAY
<b>Tuesday</b> (B Day, 5,6,7,)	<i>Students will be able to create a foldable that helps them to identify and understand each of the main forms of energy</i>	<b>LIVE Activity (45 mins):</b> Energy Riddles <b>On Your Own: (35 mins)</b> Energy foldable project
<b>Wednesday</b> (B Day, 5,6,7,)/ <b>Thursday</b> (A Day, 2,3,4)	<i>Students will be able to play the role of mechanical engineers as they design spool racers that demonstrate how elastic energy stored in stretched rubber bands may be used to power spool-wheeled "cars," and experience how different design criteria affect the functionality of their spool racers.</i>	<b>LIVE Activity (45 mins):</b> Spool racer cars <b>Materials needed:</b> pencil, tape measure, masking tape, racer kit <b>On Your Own (35 mins):</b> work on energy project
<b>Friday</b> (A day 2,3,4) / <b>Monday</b> (B day, 5,6,7)	<i>Students will be able to explain the difference between potential and kinetic energy and provide examples of each</i>	<b>LIVE ACTIVITY: (45 mins):</b> identifying potential and kinetic energy examples <b>On Your Own: (35 mins)</b> Finish your energy project