

<p>This module is designed to help you explore how engineering affects your life each day.</p>										
<p>3C. Discuss the following with your counselor:</p>										
<p>3C-1. The simple machines that were involved with the motion in your chosen STEM exploration (Hint: Look at the moving parts of an engine to find simple machines.)</p>										
<p>3C-2. The energy source causing the motion for the subject of your STEM exploration</p>										
<p>3C-3. What you learned about motion from doing the STEM exploration</p>										
<p>4. Choose A or B and complete ALL the requirements.</p>										
<p>4A. Visit an amusement park. Then discuss the following with your counselor:</p>										
<p>4A-1. The simple machines present in at least two of the rides</p>										
<p>4A-2. The forces involved in the motion of any two rides</p>										
<p>4B. Visit a playground. Then discuss the following with your counselor:</p>										
<p>4B-1. The simple machines present in the playground equipment</p>										
<p>4B-2. The forces involved in the motion of any two playground fixtures</p>										
<p>5. Do the following</p>										
<p>5A. On your own, design one of the following and include a drawing or sketch: an amusement park ride OR a playground fixture OR a method of transportation.</p>										
<p>5B. Discuss with your counselor:</p>										
<p>5B-1. The simple machines present in your design</p>										
<p>5B-2. The energy source powering the motion of your creation</p>										
<p>6. Discuss with your counselor how engineering affects your everyday life.</p>										
<p>Completed</p>										
<p>Presented</p>										