<table>
<thead>
<tr>
<th>Requirement</th>
<th>Description or Activity to Complete</th>
<th>Name of Station or Activity</th>
<th>Location and Time</th>
<th>Check-Off – Check-off when you have completed the activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Showcasing Robots: Robotics competition and robotics Teams</td>
<td>Learn about a robotics team</td>
<td>Meet EnTech 281 First Robotics Team</td>
<td>Hipp Auditorium 10:30am, 11:00am, 11:30am, 12:00pm, 1:00pm, or 1:30pm</td>
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<tr>
<td>Showcasing Robots: See robots in action</td>
<td>Talk to someone who uses robots in their daily lives</td>
<td>BMW Manufacturing</td>
<td>Symmes Hall of Science Lab 2</td>
<td></td>
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<tr>
<td>Algorithm</td>
<td>Following an algorithm</td>
<td>Top of Symmes Hall of Science – See next page for more information</td>
<td></td>
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<tr>
<td>Designing Robots: Plan your robot</td>
<td>Global problem solving robots - What robots did you observe and where would you like to see one in the future? What problems could they solve?</td>
<td>Biomimicry - Touch tank</td>
<td>Harrison Hall of Natural Science Marine Lab</td>
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</tbody>
</table>
Algorithm Walk to the barn (Starting at Symmes Hall of Science)
- Exit top stairs of Symmes Hall of Science
- Follow path to Observatory
- Stop at RMSC sign
- Turn 90° right and continue down stairs
- Follow orange/ green arrow path down the hill
- Stop at road
- Look both ways
- Proceed across the road and down the wooden stairs
- Stop at Butterfly Garden sign
- Turn 90° right and proceed down stairs
- Stop at bottom of stairs
- Turn left 90°
- Proceed with edge of road on left
- Follow orange arrow
- Proceed across double white crosswalk markings
- Harrison Hall will be on your right
- Stop at yellow curb and turn 75° left
- Follow path to enter Living History Farm
- Proceed straight along the gravel drive to the large barn
- Stop at large barn

Questions to ponder down on the Living History Farm
- How do robots move?
- How could robots help down on the farm?
- Down on the Farm - Simple Machines
  - Pick up a worksheet and search the Living History Farm for simple machines.

Harrison Hall of Natural Science activities
Ecology Lab: Observe animals throughout the ecology lab.
  - Notice their ways of movement and adaptations they have. Identify properties or characteristics that we could mimic with robots. This is called biomimicry.
  - Examples: tree frogs, anoles, cockroaches