Anthropology: History of Evolution  
Freshmen through Seniors in college

### Overview
The purpose of this lesson is for students to learn and distinguish between Australopithecine dietary adaptations, cranial and dental features; Olduwan stone tools; and Bipedalism and human characteristics.

### Objective
There will be three stations which will be set up with the items being studied. Upon observing at each station students will be able to do each of the following:

**Station 1:** Describe the cranial and dental differences between gracile Australopithecines, robust Australopithecines, chimpanzees, and humans. Describe how these differences reflect dietary variation.

**Station 2:** Identify the first tool makers, the Olduwan tools types and shapes, and what they were used for.

**Station 3:** Describe how humans differ physically from other primates (features of hands/feet, limb proportions, cranial base, dentition), and describe the physical features associated with bipedalism.

### Materials
Students will require:
- Access to the internet and Stixy
- Their lab manuals
- Access to the bones and tools of these species

### Procedure
- Students will move from station to station answering each question as thoroughly as possible.
- After they have completed each question they will type a paper about what they have observed using the answers to these questions.
- Finally, they will post their word document paper on their teacher’s
<table>
<thead>
<tr>
<th>Evaluation</th>
<th>Stixy site where it will be graded.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The criteria is as follows:</td>
</tr>
<tr>
<td></td>
<td>• 12 pt. font, double spaced</td>
</tr>
<tr>
<td></td>
<td>• At least one and a half pages</td>
</tr>
</tbody>
</table>