3D Larynx Project

Each student will build a three-dimensional rendering of the human larynx from modeling clay. The laryngeal model will become a tool for the student to better understand the laryngeal mechanism and its function in singing.

The model should begin at the Hyoid bone and continue to the second ring of the trachea. The following structures should be included:

1. Hyoid Bone
2. Thyroid Cartilage
3. Epiglottis
4. Cricoid Cartilage
5. Arytenoid Cartilages
6. Trachea
7. Thyroarytenoid muscle
8. Cricothyroid muscle
9. Lateral cricoarytenoid muscle
10. Interarytenoid muscle
11. Posterior cricoarytenoid muscle
12. Vocal Folds

Color coding (muscles, cartilages, bones, etc.) will be necessary, as will labeling each structure.

DUE:

<table>
<thead>
<tr>
<th>3D Larynx Project</th>
<th>4</th>
<th>3</th>
<th>2</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proportions</td>
<td>All structures are correct shape and size</td>
<td>Most structures are correct shape and size</td>
<td>Structures are disproportioned or mis-shapened</td>
<td>Structures are unidentifiable</td>
</tr>
<tr>
<td>Color</td>
<td>All structures are categorized correctly by color</td>
<td>Most structures are categorized by color</td>
<td>Structures are mis-categorized by color</td>
<td>Structures are unidentifiable by color</td>
</tr>
<tr>
<td>Labels</td>
<td>All structures are clearly labeled by anatomical name</td>
<td>Most structures are labeled by anatomical name</td>
<td>Structures are mis-labeled</td>
<td>Structures are not labeled</td>
</tr>
<tr>
<td>Durability</td>
<td>Model remains intact as it is used in demonstration</td>
<td>Model becomes slightly changed as it is handled</td>
<td>Model is easily damaged when touched</td>
<td>Model falls apart</td>
</tr>
</tbody>
</table>