NO DATA LEFT BEHIND

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COLLEGE OF VETERINARY MEDICINE
Biology
Lab Rules

- Don’t eat or drink ANYTHING in lab. Ever.
- No throwing things. Period.
- Try hard not to spill the water!
- When using balances make sure you dry your item first!
- Don’t destroy the items. Any items. Ever. Pretty please.
- If Ms. V tells you not to do something, don’t argue. Just follow the rules.
- Any rule violations will result in loss of lab privileges and a ZERO on the lab. Not fun. :<
learn language
adjectives
verbs
nouns
adverbs
Back to School
EDUCATIONAL IMPACTS

- Better communication of impacts on student success (Azzam, et al., 2013)
- Visualizations create a universal language that enable people around the world to exchange knowledge and to more fully understand complex ideas (NSF, 2016)
- Visualizations can assist students in self-assessment of learning (Olmanson, et al., 2015)
- Use of data visualization may result in a more effective education (Gama, 2014)
Evidence Based Practice + Data + Visual = Story

Based on: Iliinsky, Noah PN, and Julie Steele. Designing data visualizations. O'Reilly, 2011.
Space is basically a cold and empty place (Before)

- Strongly Disagree
- Disagree
- Agree
- Strongly Agree

Space is basically a cold and empty place (After)

- Strongly Disagree
- Disagree
- Agree
- Strongly Agree
Space is basically a cold and empty place

- **Strongly Agree**
- **Agree**
- **Disagree**
- **Strongly Disagree**
Space is basically a cold and empty place (Before)

<table>
<thead>
<tr>
<th></th>
<th>Pretest</th>
<th>Posttest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strongly disagree</td>
<td>5%</td>
<td>4%</td>
</tr>
<tr>
<td>Somewhat disagree</td>
<td>22%</td>
<td>14%</td>
</tr>
<tr>
<td>Neither agree nor disagree</td>
<td>43%</td>
<td>16%</td>
</tr>
<tr>
<td>Somewhat agree</td>
<td>18%</td>
<td>44%</td>
</tr>
<tr>
<td>Strongly agree</td>
<td>12%</td>
<td>22%</td>
</tr>
</tbody>
</table>

Space is basically a cold and empty place (After)

- Strongly Disagree
- Disagree
- Agree
- Strongly Agree

Space is basically a cold and empty place

- Strongly Agree
- Agree
- Disagree
- Strongly Disagree
<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Scores on exam sections</td>
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<tr>
<td>2</td>
<td>Points Possible</td>
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<td>Class Mean</td>
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<tr>
<td>3</td>
<td>Pathology</td>
<td>20</td>
<td>16</td>
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<td>4</td>
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<td>20</td>
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<td>6</td>
<td>Nutrition</td>
<td>25</td>
<td>18</td>
<td></td>
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</tr>
</tbody>
</table>
The primary palette consists of five colors, which are led by the university’s two signature colors, cardinal (Pantone 186c) and gold (Pantone 142c). These colors may be used extensively both for large areas of color or as an accent color. Screens or tints of the primary colors may be used to achieve a desired effect, however, screening the red shades will result in pink, which should be avoided altogether.

*Please note when using Pantone 142 on uncoated paper stock Pantone 7549U should replace Pantone 142.

The colors of the secondary palette have been selected to compliment the primary colors. Their understated tones were chosen to work well as a subtle background behind typography or other graphics, or in other situations where a restrained use of color is desired. Screens or tints of the secondary colors may be used to achieve a desired effect, however, screening the red shades will result in pink, which should be avoided altogether.
DATA VISUALIZATION PROVIDES A MEANS TO VIEW DATA IN DIFFERENT WAYS AND GIVES US A BETTER CHANCE OF DETECTING OBSCURED PATTERNS AND CONNECTIONS.
WHAT'S YOUR STORY