Collaboration and the 3 Bears Approach to Iterative Development to Improve Learning Outcomes

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PROLOGUE:

Once Upon a Time
CHAPTER 1: Finding the Right Temperature
Faculty as EdTech Consumer
CHAPTER 2:

Be Flexible
Needs Analysis
Iterative Dialogue
CHAPTER 3:

Bringing It Home
It’s Not Brain Surgery!
The 3 Bears Approach
Technical Workshops

iPad Training

Storehouse Training

Photo/Video Tips & Tricks
Creative Workshops

Components of a Visual Story

The Roles of Video Production

THE SETUP
THE BODY
THE CONCLUSION

WRITER
PRODUCER
DIRECTOR
EDITOR

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live greater.
Student Resources

- Font Pairing Resources
- Copyright-Free Image Resources
- Color Palettes
- Creating a Visual Story
- Documentary Resources
- iMovie Resources
- Mobile App Resources
- Storytelling Tips

SJU ATDL

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SJU Students
Students in my behavioral neuroscience course (PSY 206) conducted a semester-long research project on the effects of brain lesions on behavior.

High School Students
High School students followed and commented on the weekly posts. They also had an opportunity to visit on one of 3 trips to SJU.

iPADS
iPads were used by student pairs to document their work using videos and photos.

Edmodo Blog
Students shared weekly updates (blog posts) with local high school students via Edmodo.
EPILOGUE:

Happily Ever After
LEARNING OUTCOMES

Average Grade on Final Exam

Error bars: +/- 1 SE

12 Students in 2013
12 Students in 2014

p = .008
## KEY TAKEAWAYS

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<thead>
<tr>
<th>Finding Each Other</th>
<th>Instructional Technologist</th>
<th>Faculty</th>
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<tbody>
<tr>
<td>Build internal brand awareness.</td>
<td>If you don’t ask, you’ll never know.</td>
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<table>
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<tr>
<th>Be Flexible</th>
<th>Instructional Technologist</th>
<th>Faculty</th>
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<td>Build trust.</td>
<td>Determine pedagogical need.</td>
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<tr>
<th>Bringing It Home</th>
<th>Instructional Technologist</th>
<th>Faculty</th>
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<tr>
<td>Use just the right amount and application of technology.</td>
<td>Iterate and improve continuously.</td>
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