



# Week 5

**Jasmine Jackson**  
**CRA-W DMP Summer 2008**  
**Mentor: Dr. Tiffany Barnes**  
**Grad Mentor: Evie Powell**

# Plans For This Week

- LIT Review
- Finish Shape Applet
- Work on documentation
- Start the real work

# LIT Review

## Culturally Situated Design Tools: Ethnocomputing from Field Site to Classroom

- Motivation
  - Teaching tool
  - Ethnocomputing vs. Multicultural Mathematics
  - Pedagogical convictions

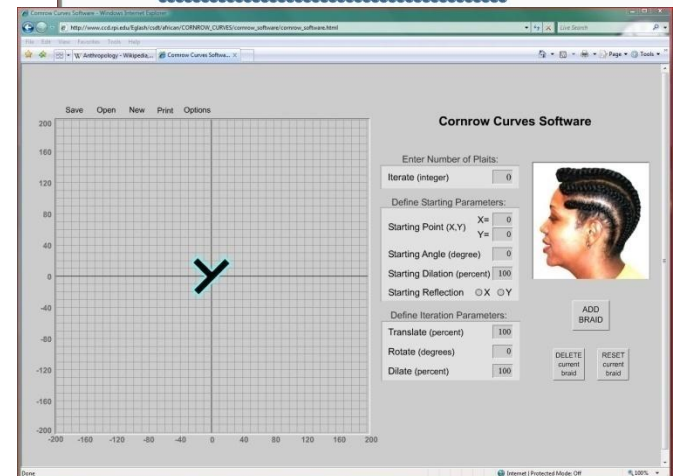
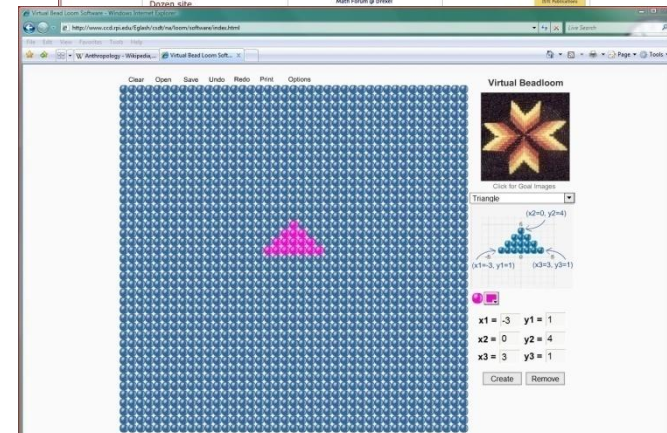
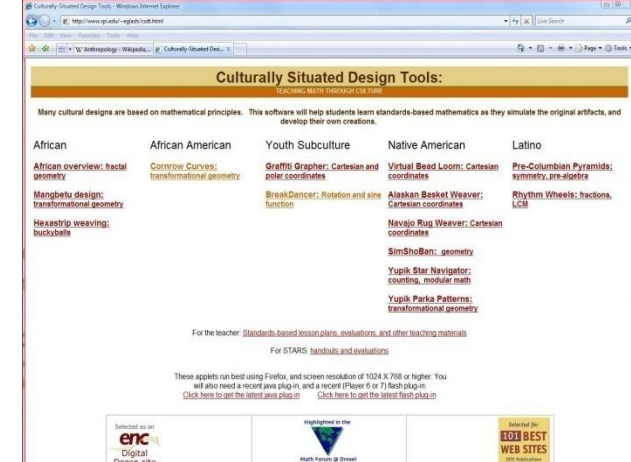


# LIT Review

Solution:

## Culturally Situated Design Tools

- Benefits of Ethnocomputing
- Pedagogical Conviction
  - Cornrow Simulation
  - Virtual Bead Loom



# LIT Review

## Contributions

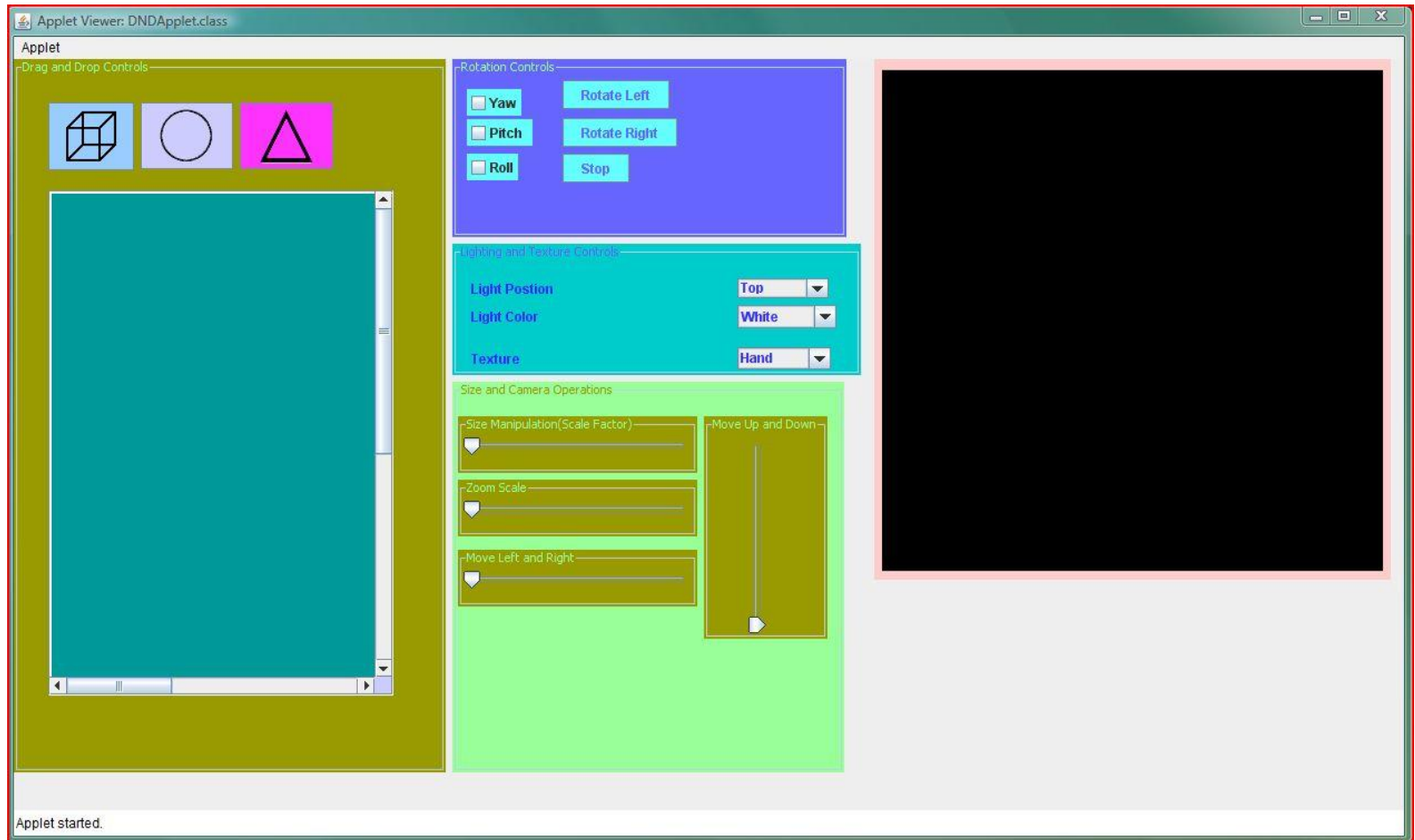
- New teaching tool
- New method of teaching

## Future Work

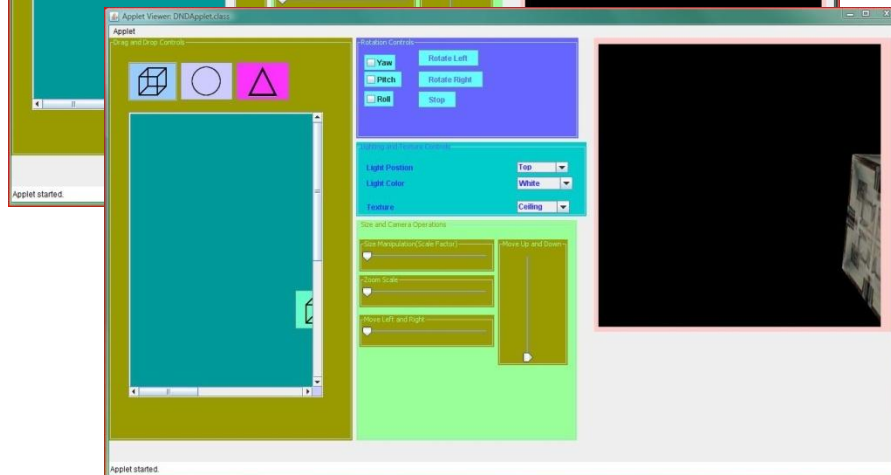
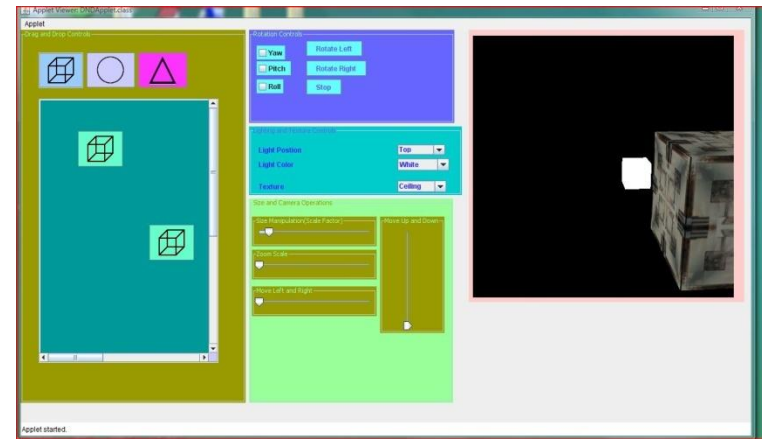
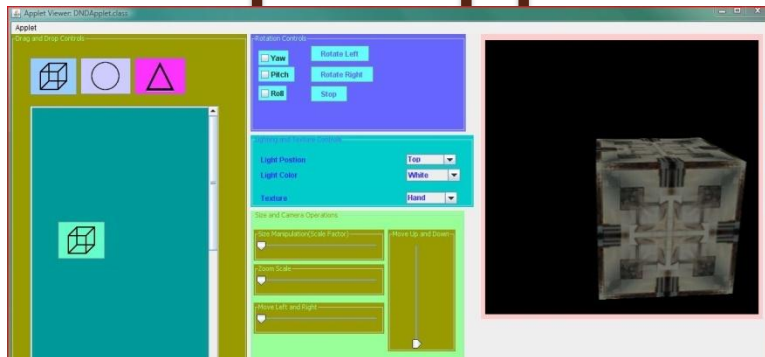
- CSDT for Caucasian students
- Female students



# Shape Applet

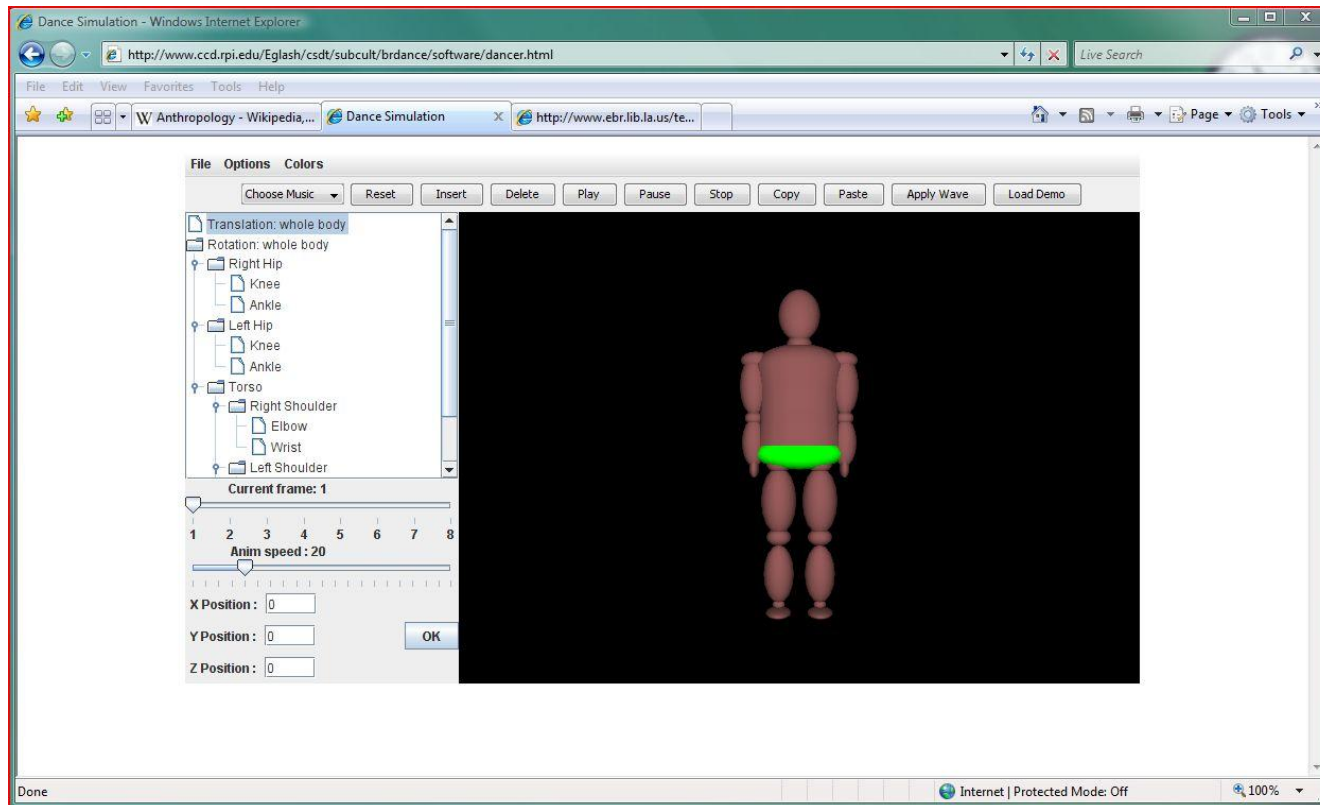


# Shape Applet



# Next Week...

## Dance Tool Project Make Over





# References

Eglash, R., Bennett, A., O'Donnell, C., Jennings, S. and Cintorino, M. Culturally Situated Design Tools: Ethnocomputing from Field Site to Classroom. *Am. Anthropol.*, 108 (2). 347--362.

Java OpenGL Demos with LWJGL.

<http://potatoland.com/code/gl/>. June 14, 2008.

OpenGL @ Lighthouse 3D.

<http://www.lighthouse3d.com/opengl/displaylists/index.php3?3>. June 15, 2008



# Any Questions?

**Jasamine Jackson**  
**CRA-W DMP Summer 2008**  
**Mentor: Dr. Tiffany Barnes**  
**Grad Mentor: Evie Powell**