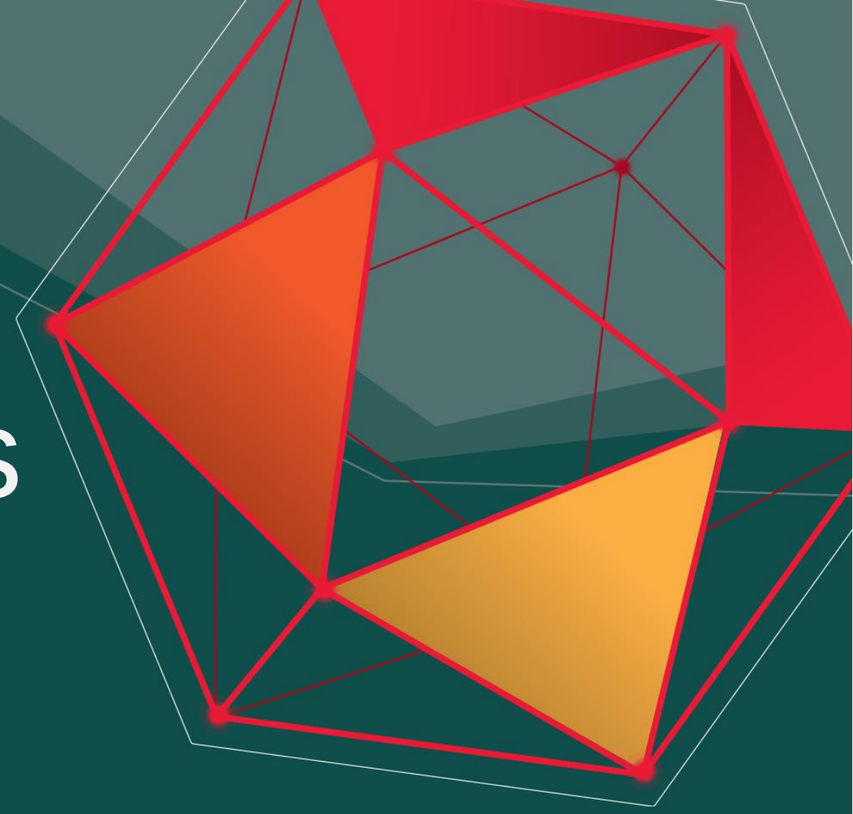
EDUCATORS
SUMMIT



Disabilities: Helping Students Survive and Thrive

Henry Elmo Bawden
Assistant Professor,
Columbus State Community College

Who am I?

Who am I?

- Husband

Who am I?

- Husband
- Father

Who are you?

Who am I?

- Husband
- Father
- Game Developer

Who am I?

- Husband
- Father
- Game Developer
- Teacher

COLUMBUS STATE
COMMUNITY COLLEGE

Design Challenge

Design Challenge

- Verb/Noun

Design Challenge

- Verb/Noun
- Genre/Platform/Target Audience

Design Challenge

- Verb/Noun
- Genre/Platform/Target Audience
- One sentence description

New Level Obtained

New Level Obtained

- Gain 1(+) Friend

New Level Obtained

- Gain 1(+) Friend
- Gain Game Design

New Level Obtained

- Gain 1(+) Friend
- Gain Game Design
- Gain Example for Reference

M*A*S*H IS OWNED BY FOX
FOX WAS BOUGHT OUT
BY DISNEY
KLINGER IS NOW
A DISNEY PRINCESS

Best Disney Princess Ever!!!!!!!!

My Methodology

- Environment
- Setting Ground Rules
- Setting a Culture
- Building the Curriculum
- Frank Discussions and Early Intervention
- Curricular Path
- Lifelong Support and Building a Network

What makes it work?

- Marriage of Education Best Practices and Game Development Best Practices

What makes it work?

- Marriage of Education Best Practices and Game Development Best Practices
  - Cohorts
  - Learn Through Play
  - Hyper-Rapid Iteration

What makes it work?

- Marriage of Education Best Practices and Game Development Best Practices
  - Cohorts
  - Learn Through Play
  - Hyper-Rapid Iteration

What makes it work?

- Marriage of Education Best Practices and Game Development Best Practices
  - Cohorts
  - Learn Through Play
  - Hyper-Rapid Iteration

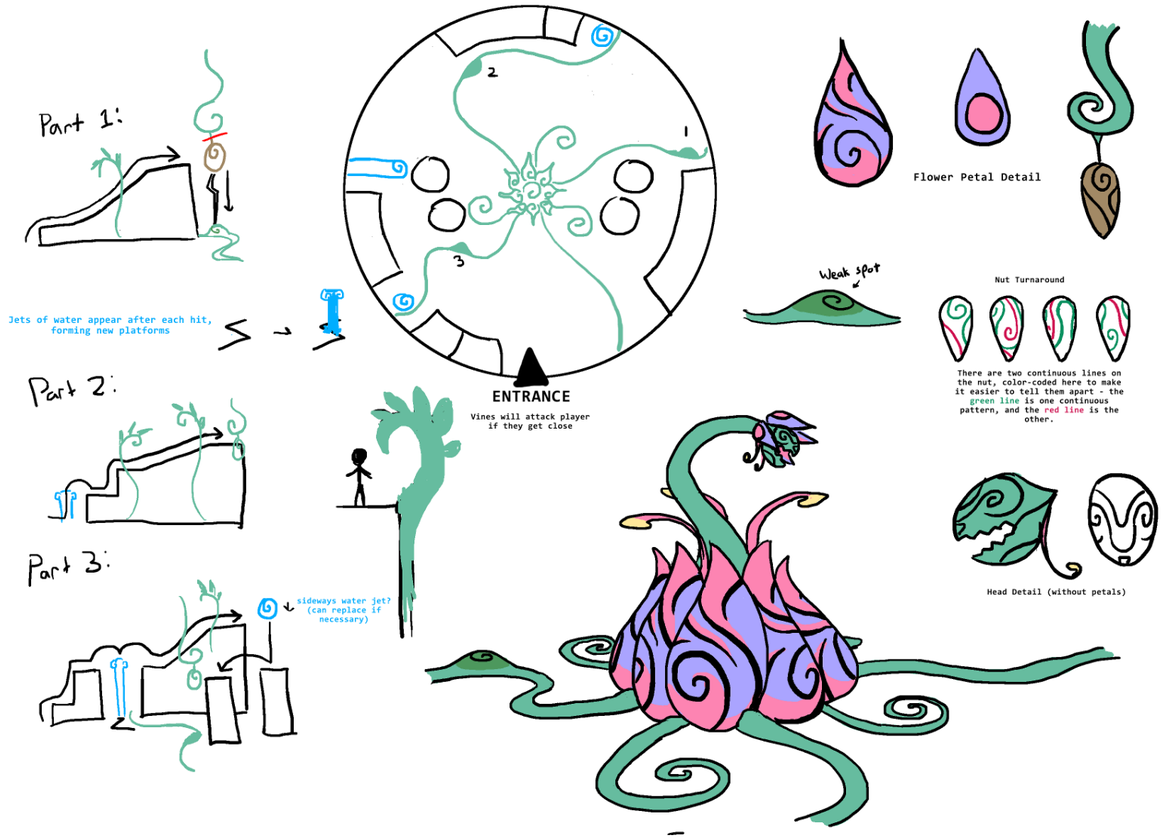
Game Course Types

- Design
- Skill Development
- Production

Educational Application

- Begin with hyper-rapid iterations in early courses
  - Test, design, test, design, change teams, and etc.
- Develop longer sprints for larger projects
  - Weekly Scrums

Design Courses



Design Courses

- Case #1 Male Student with Autism-like Symptoms

Educational Application

- Don’t worry too much about a specific disability
  - Be aware but don’t over-analyze
- Focus should be on building people and teams
  - Camp counselor rather than lecturer mentality

Design Courses

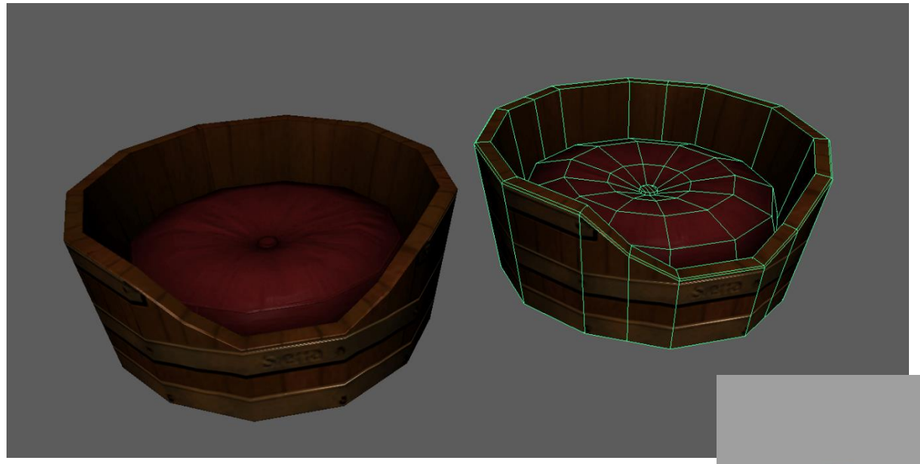
- Case #1 Male Student with Autism-like Symptoms
  - Unable to speak

Support Groups

- Individual Friends
- Removal of Personality Conflict
- Use of “Random” Pairing
- Build Larger Teams

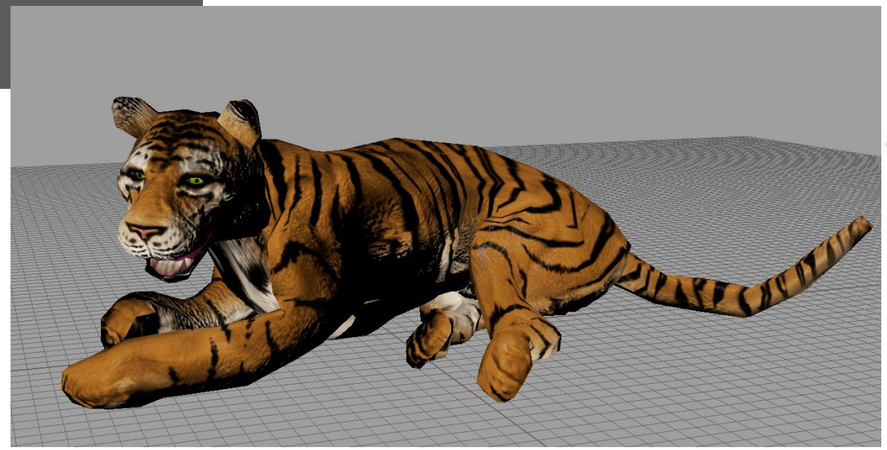
Skill Development Courses

C++



C#

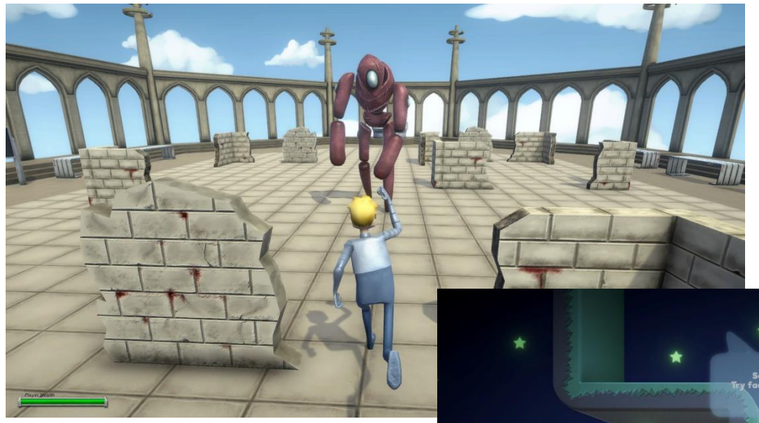
python

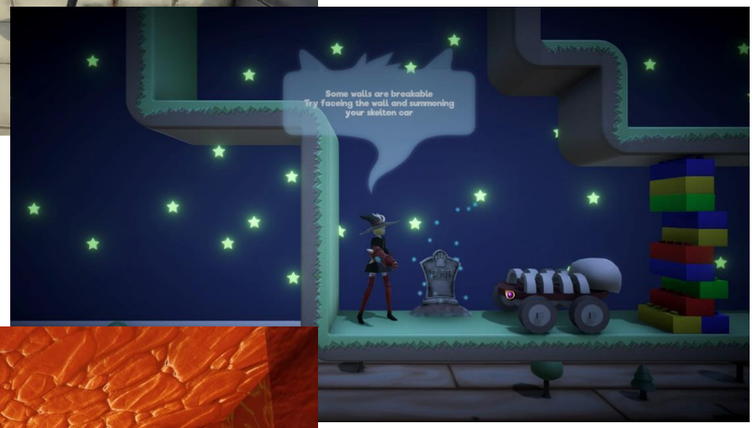


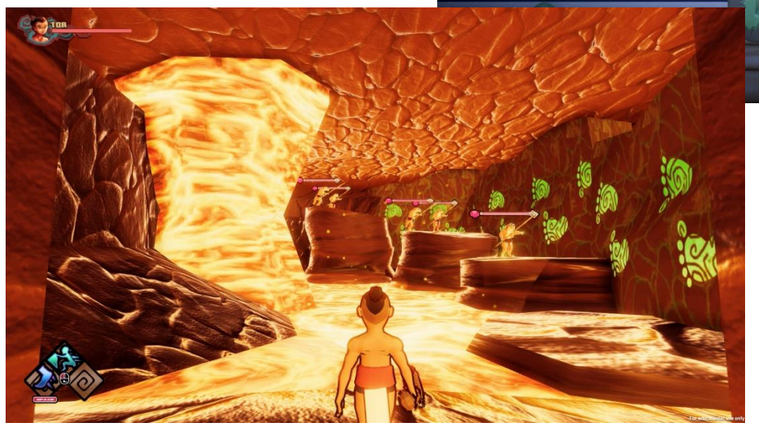
Skill Development Courses

- Case #2 Female Student with Asperger's
  - Panic attacks

Production Courses







Production Courses

- Case #3 Female Student with Multiple Diagnosis
  - Asperger's
  - Tourette's
  - Social Anxiety
  - Panic Attacks
  - Bipolar Disorder
  - Etc.

Additional Notes

Additional Notes

- Opportunities to Fail

Additional Notes

- Opportunities to Fail
- Class Activities vs. Homework

Additional Notes

- Opportunities to Fail
- Class Activities vs. Homework
- Individual vs. Team Assignments

Additional Notes

- Opportunities to Fail
- Class Activities vs. Homework
- Individual vs. Team Assignments
- Problem Solving Hierarchy

Additional Notes

- Opportunities to Fail
- Class Activities vs. Homework
- Individual vs. Team Assignments
- Problem Solving Hierarchy
- Grading for Groups

Best Disney Princess Ever!!!!!!!!

Additional Notes

- Opportunities to Fail
- Class Activities vs. Homework
- Individual vs. Team Assignments
- Problem Solving Hierarchy
- Grading for Groups
- Fun for Fun’s Sake

Takeaways

- Hyper-Rapid Iteration in Everything
- Build People
- Have Fun and Make Mistakes

Questions?

- Henry Elmo Bawden
  - Columbus State Community College Email
    - hbawden@cscc.edu
  - Bawden Studio Email
    - henry@bawdenstudio.com

- http://www.bawdenstudio.com/