

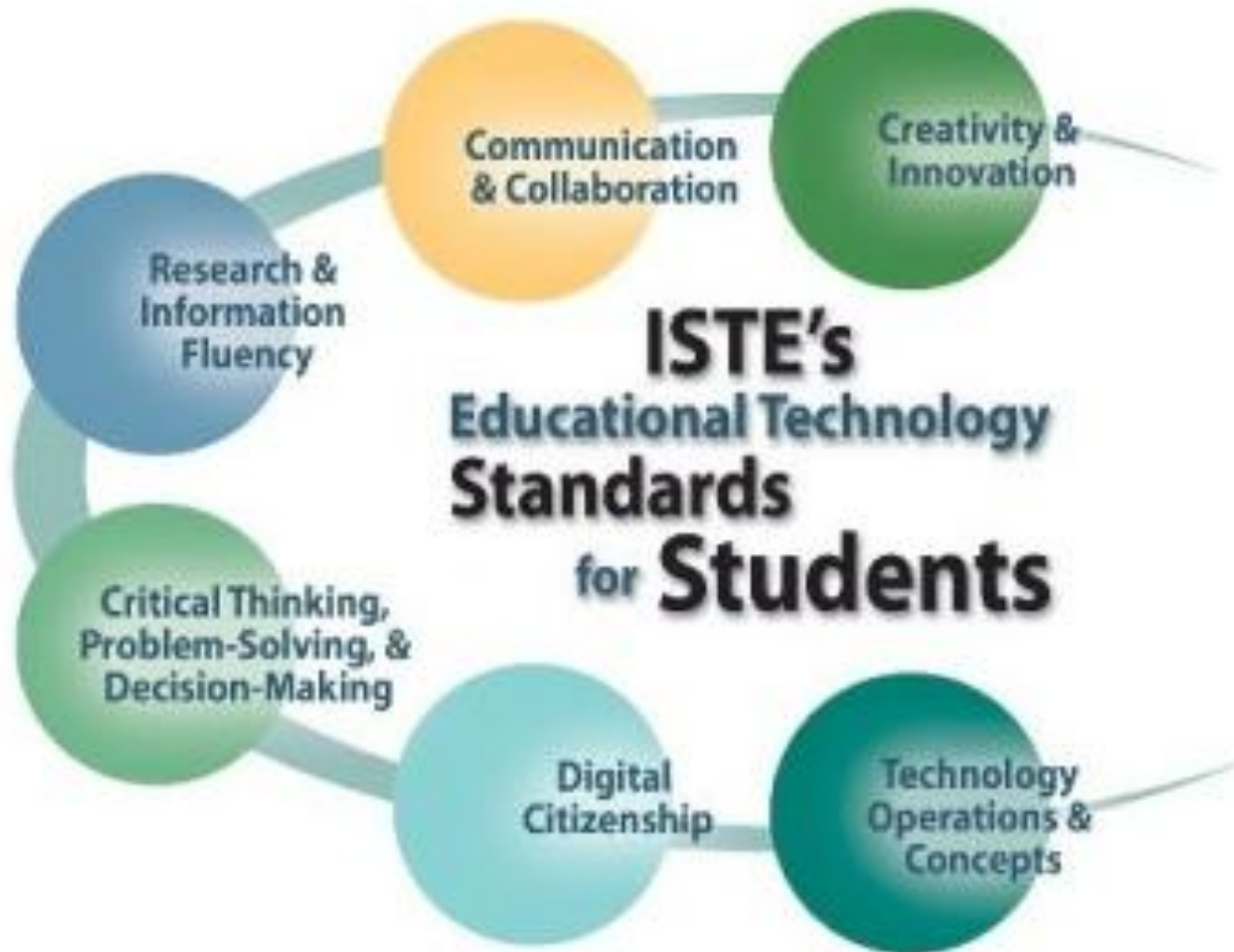


Teaching 21st Century Skills

Quest Atlantis Pilot

21st Century Teaching & Learning

What is it?





- ***Goal: 1.6 Academic Achievement - 21st Century Learners***
 - ***Strategy: D. 21st Century Skills***
 - ***Strategy: E. National Educational Technology Standards (NET Standards)***

21st Century Teaching & Learning at FSEMS – Need for Growth



Quest Atlantis



QUEST ATLANTIS



EDUCATORS

RESEARCHERS

QUESTERS

PARENTS

SPONSORS

WELCOME

Quest Atlantis (QA) is an international learning and teaching project that uses a 3D multi-user environment to immerse children, ages 9-16, in educational tasks. QA combines strategies used in the commercial gaming environment with lessons from educational research on learning and motivation. Participation in this game is designed to enhance the lives of children while helping them grow into knowledgeable, responsible, and empathetic adults. Explore our site and learn more about this exciting project.

[LEARN MORE ->](#)



Make a
quest
account!



MISSIONS COMPLETED

87285

TOTAL QUESTERS

44099

PROJECT HEADLINES

- [The Learning Channel](#)
- [Big Thinker Series](#)
- [Family Quest](#)
- [Virtual Mesa Verde](#)
- [Visit QA Blog](#)

[READ MORE ->](#)

DOWNLOAD



ABOUT
QUEST ATLANTIS

EXPLORE
THE GAME

LEARNING CAN
BE FUN

FAQ/
CONTACT US

What Is It?

Learning to Behave in a Socially Responsible Manner

Create Avatars
Research Project



Center for Research on Learning & Technology
Indiana University | School of Education

Home About Us CRLT Community **Research** Presentations Publications Resources Contact

Quest Atlantis

Project Director: [Sasha Barab](#)

[Quest Atlantis](#) is an international learning and teaching project that uses a 3D multi-user environment to immerse children, ages 9-15, in educational tasks. QA combines strategies used in the commercial gaming environment with lessons from educational research on learning and motivation. It allows users to travel to virtual places to perform educational activities (known as Quests), talk with other users and mentors, and build virtual personae. Explore our site and learn more about this exciting project.

Over the last four years, more than 10,000 children on five continents have participated in the project. We have demonstrated learning gains in science, language arts, and social studies, and students have completed literally thousands of Quests, some of which were assigned by teachers and many of which were chosen by students to complete in their free time. Equally important have been reported personal experiences, with teachers and students reporting increased levels of engagement and interest in pursuing the curricular issues of their school. Students and teachers conducted rich, inquiry-based explorations through which they learn particular standards-based content, and at the same time develop prosocial attitudes regarding significant environmental and social issues. Rather than just placing work and play side-by-side, QA strives to make learning fun and to show kids how they can make a difference.

Visit Quest Atlantis

The 3D interface

Transformational Play

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< meaton JUST LEFT THE WORLD >



Permissions to visit from users referred to be signed around the world

Learning to behave in a socially responsible manner

QA students are continually learning 21st Century Skills

Florida Department of
EDUCATION



Teacher selected curriculum content



To set personal goals and levels of engagement



To be responsible members of online communities

To use different digital tools and text types



Quest Atlantis



Is a learning and teaching program that:

- Makes use of a 3D multi-user environment
- Immerses children in meaningful learning
- Allows users to travel to virtual lands
- Allows users to select educational activities and collaborate with others
- Allows users to build a virtual personae

Students In Quest Atlantis



- Engage in legitimate, real world problems
- Engage in decision making
- Get to see the consequences of their decisions in a safe environment.

Quest Atlantis Teachers

The screenshot displays the 'Teacher Toolkit' interface for Janine McGrath. The top navigation bar includes 'My Desk', 'My Questers', 'My Curriculum', 'Activities & Tools', and 'My Records', with 'My Questers' selected. A 'Guide' and 'Help' button are also present. The main content area is divided into several sections:

- Things to Do:** Contains two items: 'Review Quest Submissions' (7 Council Quest submissions in your Dropbox) and 'Register Questers' (Go to your Registration & Class Lists page to register new Questers).
- Class Summary:** A dropdown menu shows 'My Active Classes'. Below it is a table of quest responses and assigned quests.
- Bookmarks:** Lists several links: 'I-BURST', 'QA Teacher Guidelines', 'How-To Guide & Resources', 'Seminole County Support Group', 'QA Educators of Florida', and 'QA Teacher Connect'.
- Janine McGrath Profile:** Shows 'Current Class' as 'McGrath Seminole County D...'. Below this is a 'Shardflower' section with a star icon and a prompt to enter a statement about class social commitment priorities.
- Journal:** A table of journal entries with columns for 'Subject' and 'Date'.
- Buoy Info:** Displays contact information for Bronwyn Stuckey.

On the right side, a vertical sidebar shows 'McGrathMS Lumins: 21' and 'My Quests' with a 'Available Quests' section listing 'Council, 4 Classroom'. The background features a blue sky with a globe and a yellow key icon.

Quest Responses		Assigned Quests	
Pending Review	8	Council	92
Saved	0	Class	2
Revision requested	7	Community	1
Accepted	137		

Subject	Date
Initial training in our county	12/10/09
First experiences in Quest Atlantis	05/21/09
Introduction for the Class - Lesson 1 (Private)	04/27/09

Buoy Info 3 of 3

Bronwyn Stuckey
bestucke@indiana.edu
+612 9543 9770

Quests, Missions, and Units



What is a Quest?

There are over 500 quests to choose from...

- A Quest is an engaging curricular task designed to be entertaining yet educational.
- Each Quest is connected to academic standards and to our social commitments.
- Each quest requires the student to submit a content rich answer to questions posed within the quest and to write a reflection designed to facilitate development of metacognition.



Quests, Missions, and Units



What is a Mission?

There are about 17 missions at this time.....

- Missions usually contain multiple tasks that are interrelated through a general problem and storyline.
- They can include Quests or other simple activities that involves moving around multiple locations in the 3D environment and interacting with computerized characters.

Quests, Missions, and Units

What is a Unit? There are 7 units designed at this time

- Many of QA's 400+ Quests are part of unit plans.
- Units take a longer amount of time to complete.

Units include:

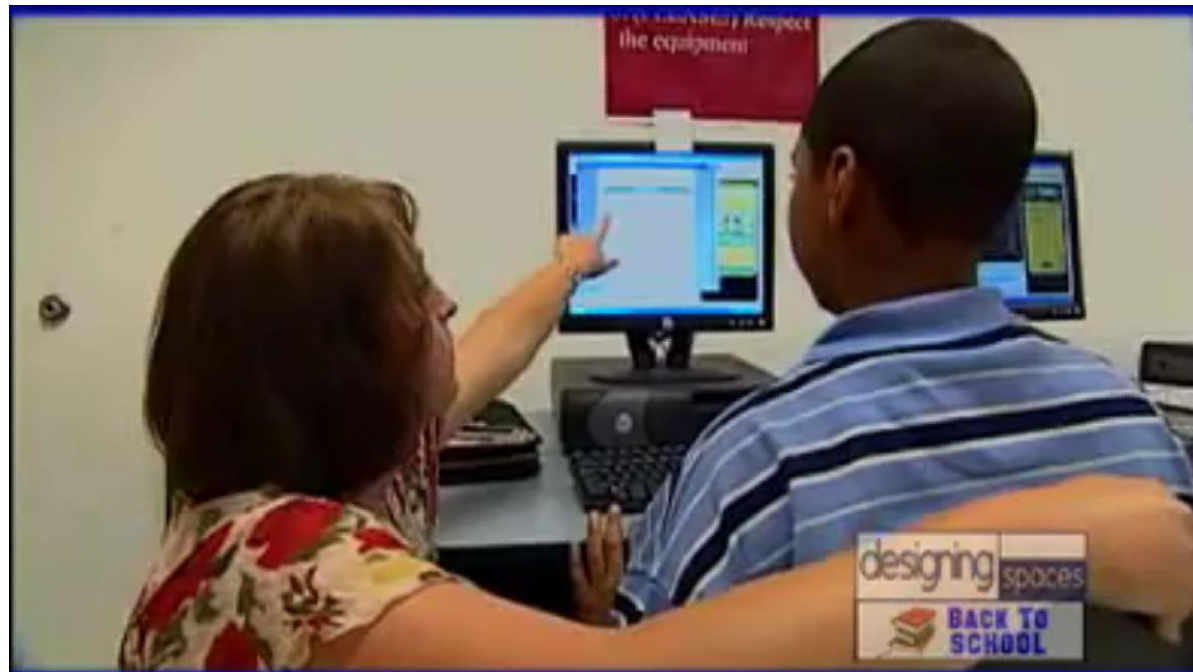
- Plague World – a persuasive writing unit based on the Mary Shelley's Frankenstein
- Taiga – a water quality unit
- Virtual Mesa Verde – social studies unit on the Pueblo Indians
- Ander City – math unit on statistics
- Spacenic – planetary science unit
- Making Mkomazi - Tanzania's northeastern *Mkomazi* Game Reserve.
- PD unit for teachers

Student Reading Level

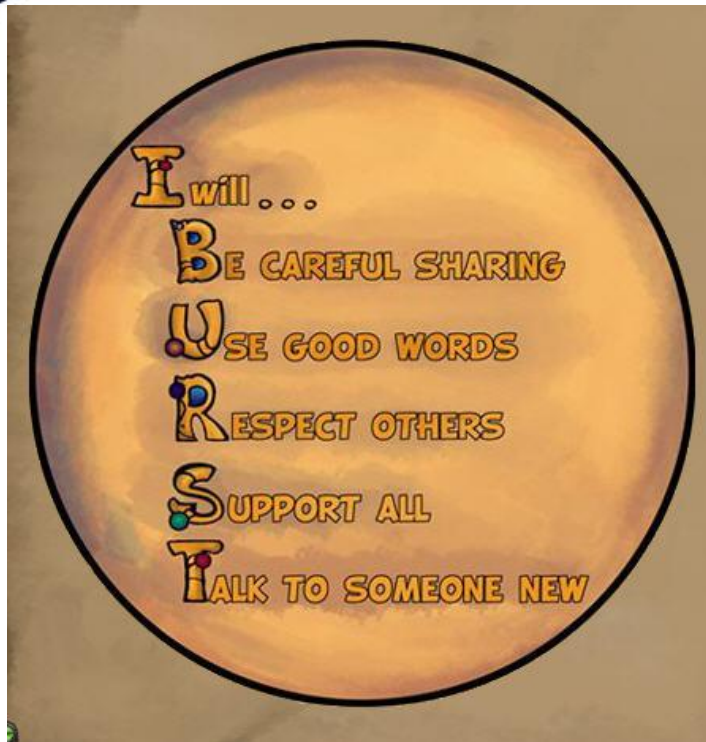


Modifying the reading level of quests:

- The Teacher can modify the reading level of an individual student.



Security



Chat

< Tristanbin3 JUST ENTERED THE WORLD >
< Alexbin3 JUST LEFT THE WORLD >
< spatenaude71 JUST LEFT THE WORLD >
< Tristanbin3 JUST LEFT THE WORLD >
< mbradfo JUST ENTERED THE WORLD >
< Vanessabin3 JUST ENTERED THE WORLD >
< Karleebin3 JUST ENTERED THE WORLD >
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Viewing toolkit for Me

Teacher Toolkit

My Desk | My Questions | My Curriculum | Activities & Tools | My Records

Guide Help

Things to Do

- Review Quest Submissions:** There are 7 Council Quest submissions in your Dropbox.
- Register Questers:** Go to your Registration & Class Lists page to register new Questers.

Class Summary

My Active Classes

Quest Responses		Assigned Quests	
Pending Review	8	Council	92
Saved	0	Class	2
Revision requested	7	Community	1
Accepted	137		

Bookmarks

Add/Edit

- I-BURST:** The rules for behaving in the 3D space
- QA Teacher Guidelines:** Check here for QA teacher guidelines
- How-To Guide & Resources:** Go here to find up-to-date explanations of QA features, resources (e.g. unit plans & consent forms), and the Teacher Newsletter.
- Seminole County Support Group:** Support group for SCPS
- QA Educators of Florida:** Wiki space set up by Jesus
- QA Teacher Connect:** Teacher Connections wiki

Janine McGrath [edit profile](#)

Current Class: McGrath Seminole County D...

Shardflower

Open

Click to enter statement about your class's social commitment priorities.

Journal

Add entry | Open

Subject	Date
Initial training in our county	12/10/09
First experiences in Quest Atlantis	05/21/09
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Buoy Info

3 of 3

Bronwyn Stuckey
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Proposed Plan for the Pilot



Stage 1 - Implement in one 8th grade and one 7th grade Computer class during the 2nd Art Cycle

Stage 2 - Evaluate/Modify during the 3rd Art Cycle

Stage 3 - Implement in one 8th grade and one 7th grade Computer class during the 4th Art Cycle

Stage 4 - Possible Expansion

Additional Information



- [Quest Atlantis Website](#)
- [Videos](#)
 - [Quest Atlantis on the Learning Channel](#)
 - [Educational Games Already at Play](#)
 - [Big Thinkers: Sasha Barab](#)



Thank You