

GENERAL AND SPECIAL EDUCATION TEACHER CANDIDATES PERCEPTIONS' OF IPAD APPS WITHIN THE UDL FRAMEWORK

TEACHER EDUCATION DIVISION OF COUNCIL FOR EXCEPTIONAL CHILDREN ANNUAL CONFERENCE
SAVANNAH, GEORGIA
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LYNN UNIVERSITY



Lynn University: Ross College of Education



Our Goal...

- 1. How to integrate and use technology applications to deepen content learning and opportunities for a creative mindset.**
- 2. How to use iPad apps to teach diverse readers- as students don't just watch, listen, or read with an iPad- they create it.**



Our Goal...



3. What types of iPad apps can be used with your students.

4. How an iPad can help create an UDL classroom, making learning more personalized.

Educational Significance

- ✓ iPad applications are extremely relevant to **21st century** classrooms.
- ✓ Should be encouraged using best practices!



Educational Significance

- Every student learns **differently** so make everyday assignments **extraordinary** using an iPad.



Lynn's Initiative- iPad Program

- Lynn's award-winning, tablet-based learning initiative puts a **transformational learning** device into the hands of our students!

Lynn's Initiative- iPad Program

- As of fall 2015, all day undergraduates, new MBA students, Master's of Education, iLynn, and new Doctor of Education (Ed.D.) students will receive, and keep upon graduation, a brand new iPad mini or iPad Pro.



Apple has named Lynn one of a select few:

- Apple Distinguished School – 3 years in a row
- Name top 25 “Most Innovative Schools” by U.S. News and World Report -2015, 2016 & 2017



Lynn's Research

- interactive lessons
- virtual tutoring
- reading, dictation
- organizing coursework



Lynn's Research - 2015



- ✓ 94% iPad mini contributed to their learning experience
- ✓ 73% iBooks are more effective than traditional textbooks

Lynn Student & Professor Testimonials

- “iPad Pro enhances the entire music-making experience. It feels just like writing music on paper” - *Conservatory of Music Student*
- “The Apple pencil has many uses in the classroom. In Fashion, students actually can sketch an item and learn from the experts how to make a pattern.” -*Fashion and Design Associate Professor*
- “The use of accessibility management APPs can accommodate students with disabilities and assist with access to general education curriculum” – *Exceptional Student Education Master’s Program Assistant Professor*

How iPads Assists Teachers and Students

- **Delivery and Understanding Instruction**
 - *Multiple means of representation*
- **Comprehension Skills**
 - *Multiple means of expression*
- **Learners Perspective**
- **Guided and Cooperative Practice**
 - *Multiple means of engagement*
- **Creating Life-long Learners**
- **Purpose Setting**

Our Purpose

- iPad apps operate as *tools* for promoting critical thinking.



Preliminary Research Results -2017

- Pre-service and practicing teachers
– 40
- Freshmen to master's level students
- Likert scale and open-ended questions
- Online anonymous survey
- IRB approved

EXAMPLES OF APPS WE (DIGITAL IMMIGRANTS) HAVE USED!



Apple Teacher
2016

Glogster



- Glogster is a Web 2.0 tool that allows users to create virtual posters, combining text, audio, video, images, and hyperlinks and allows sharing them electronically.
- Using Glogster's educational site, Glogster EDU, teachers can establish class lists and monitor student activity while protecting privacy and anonymity
- [Kelly's 1st Glog - Applied Behavior Analysis](#)

Glogster



+

Imagination is more important than knowledge.
Albert Einstein

1) Prewriting

- Prewriting is the first stage of the writing process. Prewriting, as its name suggests, is something you do *before* you write a paragraph or essay or other written work. The purpose of the prewriting stage is to find a topic for writing, to collect ideas and information, and to do research if necessary. There are many different types of prewriting that help writers generate ideas. The different types of prewriting that we will explore here are: **freewriting, brainstorming, clustering, questioning, and Venn diagram.**

Prewriting

- first step in the traditional writing process
- ANYTHING you do before writing your first draft

Stage 1: PRE-WRITING

- Make sure you are in a quiet study area
- Three pre-writing styles:
 - Brainstorming
 - Free Writing
 - Mind Mapping
- After trying all three techniques, decide which works best for you. Sometimes a combi works best, or using different techniques for different kinds of papers.

PRE-WRITING SHAPES

Children should be able to form these 9 pre-writing strokes before asking them to write.

↓	—	○	+	
2 years	2½ years	3 years	2½-4 years	
□	/	\	X	△
4 years	4½ years	4½ years	4 years 8 months	5 years 8 months

Children who can adequately draw the oblique cross can copy a significantly higher number of letters than those who cannot.

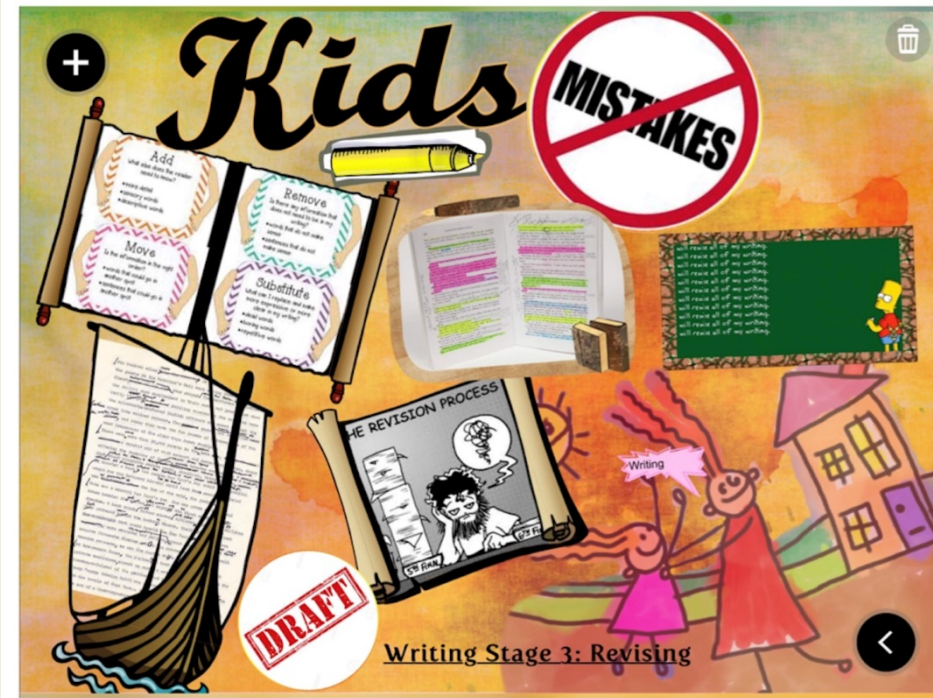
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Glogster



Picture of writing process stage 3



KaHoot



- Kahoot uses game-based learning approach to inspire creation and research in students.
- Its game-based system that increases student engagement unlike other traditional quiz procedure. All students respond
- Get started with Kahoot simply by creating an account; it's free for everyone

KaHoot



KaHoot!

EDU 160 Chapter 2

Player vs Player
1:1 Devices

Team vs Team
Shared Devices

Classic

Team mode

Game options ▼

A measure of an one's social position and economic well being that combines related variable

17

KaHoot!

Skip

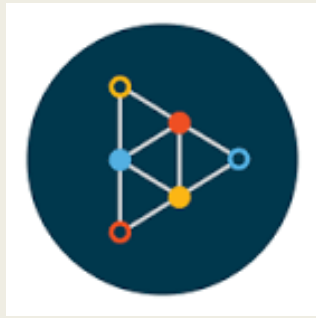
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Answers

Socioeconomic status

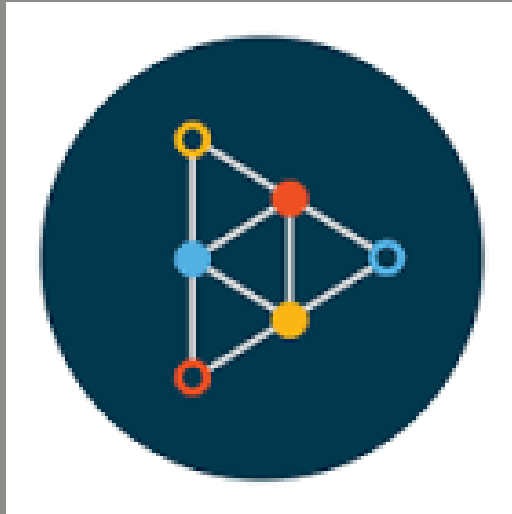
Sociocultural theory

Sociopathic illness

Elitism



Educreation



"Teach what you know. Learn what you don't." is the motto of Educreations.

Turn your iPad into a recordable white board to teach concepts from all areas of the curriculum. Lessons can be saved and shared via multiple platforms after they have been created using the iPad app or your browser.

Lessons that other educators and students have created are available as well.



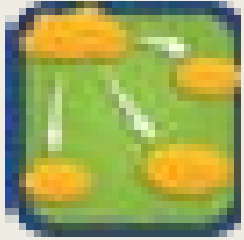
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Educreations from class

Today at 9:07 AM

Sports

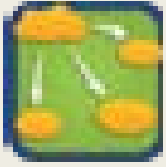




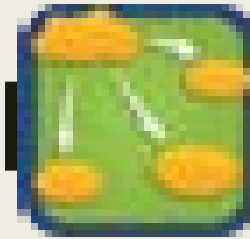
Inspiration Maps

- Inspiration Maps brings visual thinking to the iPad.
- It is a valuable tool for written and oral assignments.

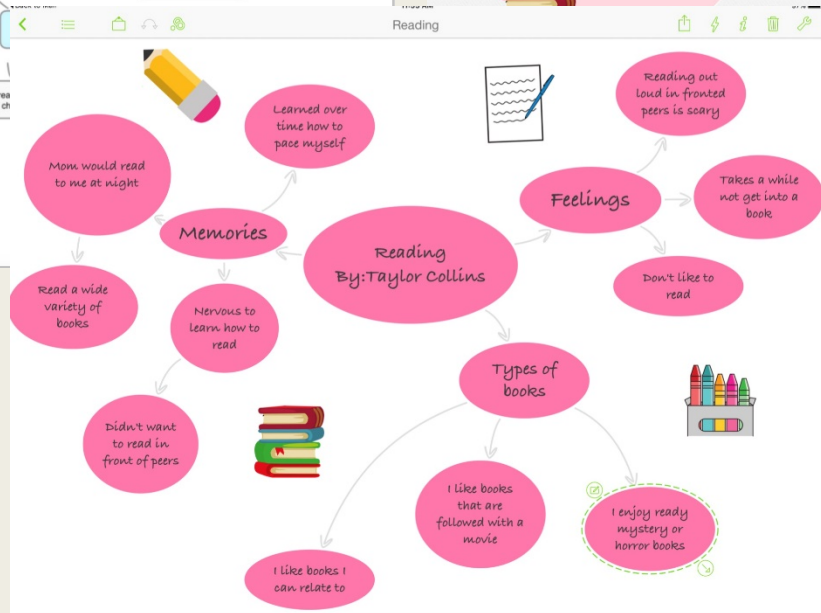
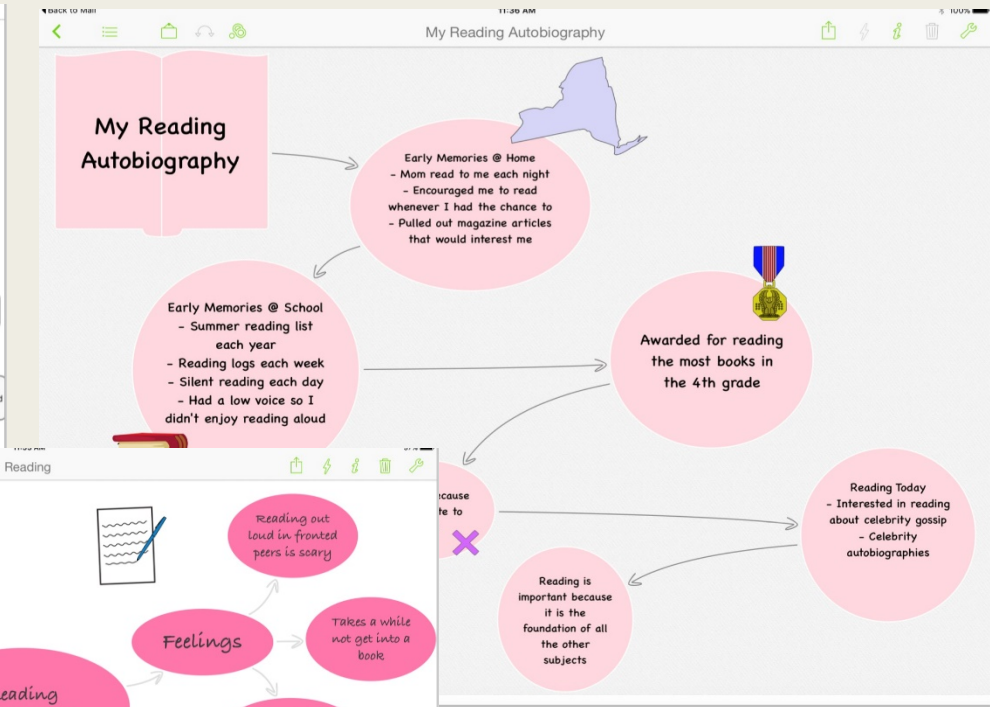
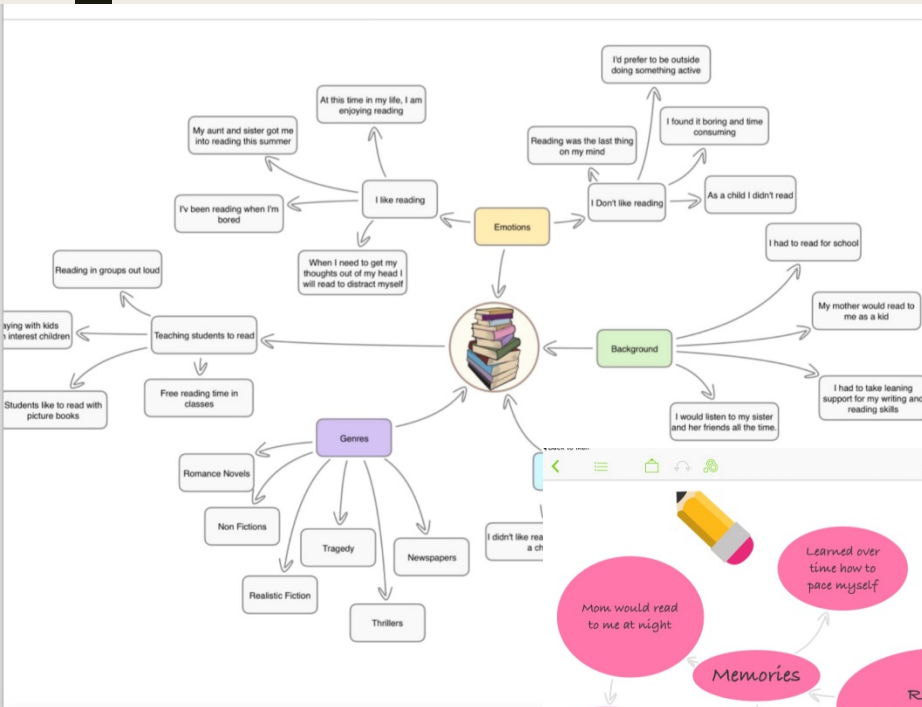
Inspiration Maps



- Students build their knowledge by creating a diagrams, maps and organizers that help them brain storm plan, organize and build thinking skills
- Students can:
 - *Brain storm*
 - *Analyze information*
 - *Understand cause & effect*
 - *Organize projects*
 - *Organize thoughts and topics for writing*
 - *Take notes*
 - *Study for exams*



iration Maps





Notability

- Students are able to take notes in a variety of ways:
 - *Handwriting*
 - *PDF annotation*
 - *Typing*
 - *Recording*

No ity

What are your thoughts about action research in your school? Would the faculty be bored with it? How would you discuss action research with a teacher who was leery of becoming involved in the research intervention plan?

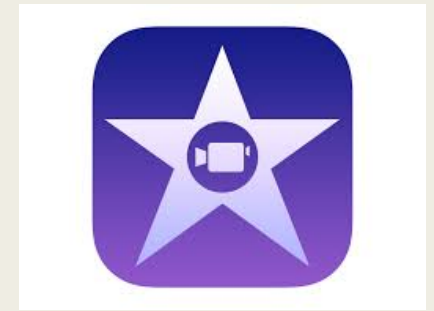


Note Jul 27, 2016.pdf

Sent from my iPad

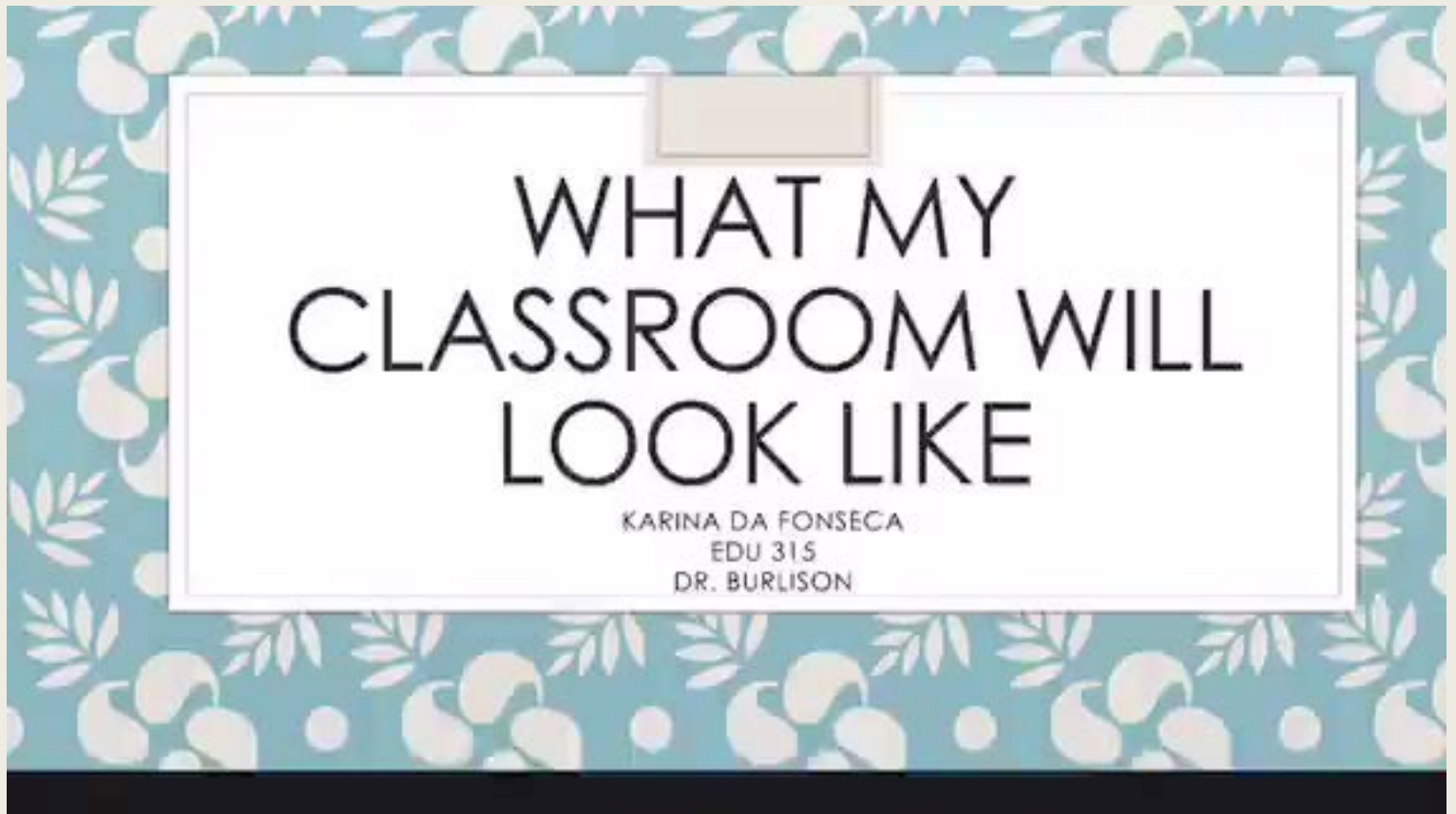
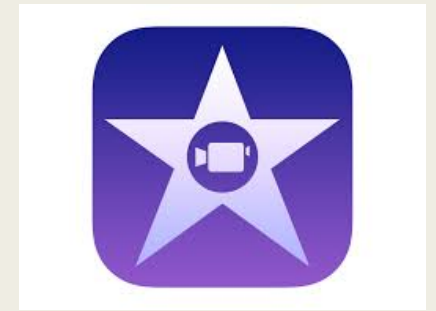
Action research is a problem-solving approach that relies heavily on data analysis and collaboration within the school site. The goal of action research is to solve a problem through designing and implementation of an action plan created by members of the school faculty. If done successfully, action research requires a lot of work and commitment. I think action research would be very beneficial in three out of my four of my striving schools. I am a big proponent of action research, but also feel like a school needs to be ready for the task. For example, in my schools, the majority of the teachers are at a very low level of expertise. I do not think they are at the point where they can design a problem solving action plan. Before we get to that point, additional, intense staff development needs to occur. In my other three schools, I feel like I have teachers who would be able to effectively lead the collaborative conversations that would produce an effective action plan that could be carried out with fidelity. I think the biggest thing to prevent the faculty from becoming bored with action research is to really include them in the process 1: the selection of the focus area. Although a teacher's "To-do list" is never fully completed, I truly feel that the majority of teachers want to provide the best possible education for the students. If a real need is determined, and the teachers believe it is a need, I do not think they will become bored with the process. I do think the principal needs to keep the teachers motivated throughout the process. The teachers need to be given time to collaborate and work on their action plans in order for the action research to be successful. In addition, the principal can distribute leadership roles to teachers to motivate them.

iMovie



- Create engaging presentations
- Create How-To movies
- Create video reports
- Digital Story Telling
- Provide out of school experiences
- Create book trailers/reports

iMovie



iMovie





Pages

- Pages is “the most beautiful” word processor.
- This powerful word processor helps you create gorgeous reports, resumes, and documents in minutes.
- Pages has been designed exclusively for the iPad, iPhone, and iPod touch.

Pages



projection.aspx

iPad 12:44 PM 100%

Documents Undo Marissa Kase Toilet training

1 2 3 4 5 6 7 8

Excellent use of citations for each slide

YEAH APPS!!!! Love that your apps, EXCELLENT!

Suggestion: for future presentations try to eliminate the "hums". Work on your scholarly orator skills!

Good job teaching the students that they must expand on the videos

Good use of when to use appropriate wording i.e. Potty, toilet, urinate

Good job addressing sensory overload and the celebration piece!

1

2



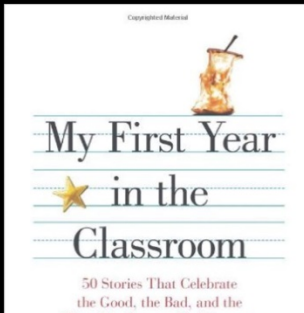
Keynote

- Create stunning and memorable presentations
- Add themes, charts, photos, videos to slides stand out
- Invite people to watch presentation
- Save Keynote documents as PowerPoint files

KeyNote



My First Year in the Classroom



Continued

- One of the students asked the teacher if they were going to whup them
- She responded with " I don't do that".
- The teacher knew she had a large responsibility and had to build a safe learning environment



"High and Dry"

- This chapter was about a teacher that was prepare for her orientation she had prepared the night before
- However, when she woke up in the morning her power was out
- She couldn't shower and do her hair
- She was overwhelmed and worried she had smelt and her hair had looked bad



Quizlet



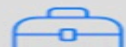
- Brings the paper flashcards to digital format
- To share flashcards sets with students
- Students can create their own flashcards
- Increases student engagement

Quizlet

EDU 315

Study online at quizlet.com/_1s7nx3

- Balances Literacy Process:** a balanced literacy program include knowing you students individually, balancing both direct and indirect instruction, balanced instructional activities including skills emphasis and meaning emphasis
- Components of Balanced Literacy:** contains all the components necessary for students to master written and oral communication.
Reading, Writing, speaking, listening and viewing
- DAR, DRA, Fluency Probes:** DRA: Developmental Reading Assessment: individually administered, identifies a students reading level, accuracy, fluency, comprehension
DAR: Diagnostic Assessment of Reading assesses students in 9 concepts: print awareness, phonological awareness, letters and sounds, word recognition, word analysis, oral reading accuracy and fluency, silent reading comprehension, spelling, word meaning.
Fluency Probes: assesses students speed, smoothness, and ease, motivates students and helps them build oral fluency, accuracy, and expression.
- Data Chats:** one-on-one student teacher conference where the teacher and student go over all the students work.
- Essential Reading Components:** phonemic awareness and phonics, word identification, fluency, vocabulary and comprehension
- Examples of Standardized Tests/ Non-Standardized Tests:**
Standardized: Reading Running Records
Non-Standardized: Mini Lesson
- The Fluency Components:** Rate, Accuracy in reading, automaticity, phrasing, smoothness, expressiveness.
- Guided Reading/Guided Writing:** small group instruction, teacher models writing/ teacher and student takes turn reading then teacher and students discuss.
- Independent Reading/ Independent Writing:** students reads or writes alone
- Interactive Writing/Interactive Reading:** teacher and students read/ write and discuss or choose a topic together
- IRI:** Informal Reading Inventory (IRI) is an individually administrative reading test composed of word lists and graded passages that are used to determine students' independent, instructional, and frustration levels ad listening capacity levels.
- Literature Circle:** An instructional approach in which students meet in small groups to read and respond to a book
- Metacognition:** Students' awareness of their own thinking and learning processes
- Principal #3, and Principal #7:** Principal #3: Effective Teachers Create a Community of Learners: teacher create safe and respectful environment with high expectations, and demonstrating literacy procedures.
Principal #7: Effective Teachers Differentiate Instruction: teachers use different types of assessment, challenge students and use oral, visual and written formats.
- Reading Running Records:** Assesses a student's reading performance from a benchmark book, this test monitor children's ability to recognize high-frequency words, and decode unfamiliar words
- Reading/ Writing Process:** Reading Process: a construct process of creating meaning that involves a reader, the and the purpose to the social world.
stage 1: pre-reading
Stage 2: Reading
Stage 3: responding
Stage 4: exploring
Stage 5: Applying
Writing Process: 5 stages that describe what students do as they write.
Stage 1: Prewriting
Stage 2: Drafting
Stage 3: Revising
Stage 4: Editing
Stage 5: Publishing
- Schema:** A Cognitive Structure or Mental Profile
- Student Portfolios:** contains students work, testing, re interest surveys
- Writing Genres:** descriptive writing, expository writing, and letters, narrative writing, persuasive writing, poetry

Quizlet



Back to Mail 1:27 PM 100% quizlet.com

Quizlet Search Create Log In Sign up

2 o'clock Exam 20 terms by ashleysaladino

STUDY PLAY

Flashcards Learn Speller Test Scatter

List Info

Original Alphabetical

Literature Circle	is small groups of students gather together to discuss a piece of literature in depth.	☆ 🔊
Interactive writing	Teacher and student share pen while composing writing. Both teacher and student write helps to model writing Interactive Reading: Teachers and student practice reading	☆ 🔊
Writing Genre	descriptive writing,expository writing,journals and letters,narrative writing,persuasive writing,poetry writing	☆ 🔊
Running Reading Record	A record that allows you access to students reading performance	☆ 🔊
Guided Writing/Guided Reading	Guided writing is when the teacher reinforces writing skills and students do the writing Guided Reading is when the teacher introduces material at students instructional level	☆ 🔊
The fluency Components	1. Rate 2. Accurate in reading 3. Automaticity 4. Phrasing	☆ 🔊

BOOK EARLY TO
SAVE 15%
INCLUDING
BREAKFAST FOR TWO
[LEARN MORE](#)

Fairmont
VANCOUVER AIRPORT



Socrative



- Engage the whole class with educational exercises and games while capturing student results in real-time
 - Quickly assess students with prepared activities
 - Create on the fly questions
 - Populate results to determine data driven instructional decisions
-
- *Short answer questions*
 - *Quiz*
 - *Exit tickets, bellringers, do-nows*

Science



DRLESH Jennifer ▾

LAUNCH QUIZZES ROOMS REPORTS RESULTS

Tell me about you! FINISH

NEXT

#2 What type of learner are you?

HOW'D WE DO? 0/0 students answered

- A Visual
- B Auditory
- C Kinesthetic
- D Visual and auditory
- E Visual and kinesthetic
- F Auditory and kinesthetic
- G Visual, Auditory, and kinesthetic

DRLESH Jennifer ▾

LAUNCH QUIZZES ROOMS REPORTS RESULTS

Quizzes exist account-wide; any changes you make here (delete, for example) will be permanent across all rooms.

RECENT ALL Select a Quiz

- Tell me about you!
- Procedural Safeguards
- ESE 500 Class #1 Myths and Facts
- Copy of Faculty Development
- World Facts Quiz

Score



Jennifer ▾

LAUNCH QUIZZES ROOMS REPORTS RESULTS 0 ▾

Procedural Safeguards - Thu Sep 22 2016

[REPORT](#)

Show Names Show Answers

Name <small>A-Z ▾</small>	Score <small>▾</small>	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
*****	90%										
*****	80%										
*****	80%										
*****	50%										
*****	50%										
*****	90%										
Class Total		40%	100%	50%	83%	100%	83%	83%	100%	100%	17%

Click on Question #s or Class Total %s for a detailed question view

Plickers



- Respond to short questions during a lesson to test for understanding.
- Plickers is a solution for more low-tech classrooms.
- Teachers issue cards with choices on them (A,B,C,D). The teacher poses the question and students hold up the card corresponding to the answer they want to give.
- The teacher then uses her phone or iPad to scan across the room.
- Plickers registers the results and feeds it all into a database. It can be used on iPhone and Android devices as well as on the Web and is free.

Plickers



StudyBlue



- Provides learning tools, including flashcards, notes, and study guides
- Students can study anywhere
- Create easy to use digital study materials
- Students can upload class study materials, share electronic flashcards with others
- Creates practice quizzes

StudyBlue



StudyBlue / Edu 315 Test review Sheet



Created: 2015-12-01
Last Modified: 2015-12-01
Size: 28 Views: 9

Literature Circle:

A student centered reading activity in which each member of the group is assigned a role, as the group discusses what they have read. Basically,

Interactive Writing/Interactive Reading

Interactive Reading allows students to take more responsibility for their reading

Writing Genres

There are 6 different writing genres: Descriptive writing, Expository writing (explaining something), Journals and

Interactive Writing/Interactive Reading CONTINUED...

The true purpose of Interactive writing is for the teacher to model the writing process for

Reading Running Record

An assessment tool for scoring and analyzing a student's reading ability and their reading rate. It determines

Reading Running Record ... CONTINUED:

In short, the Reading Running Record looks and tests if the student is self-correcting themselves, as well as for their

Guided Reading:

Guided Reading is the approach to reading using small homogeneous groups usually 3 students and a teacher. They will all have the same reading assignment and

Guided Writing:

Guided Writing is the same concept. It will be in a small group of students with a teacher. They will all have the same writing assignment and

The Fluency Components

There are 3 fluency components to being a fluent reader. They are Rate, Accuracy and

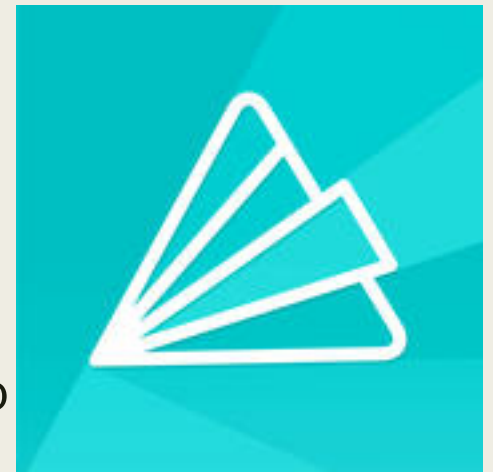
Balanced Literacy Program (in detail):

Balanced Literacy is a comprehensive program of language acquisition. It

Balanced Literacy Program ... Continued:

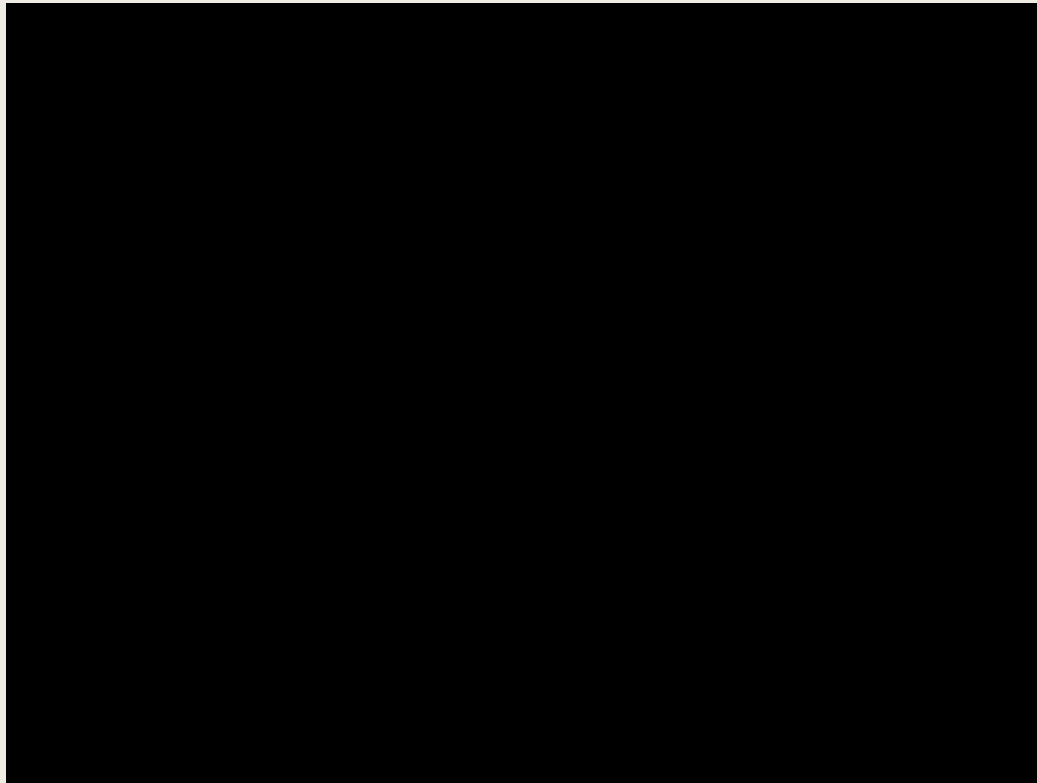
The main goal of Balanced Literacy is to make students proficient and independent at

Animoto



- Students use a combination of video and photo recapping unique and creative work
- Students can pick a style and song to add compilation
- Students can produce and share
- Can be used for in class assignments, homework assignments, and explaining content

Animoto

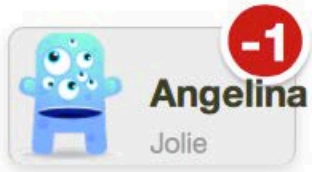
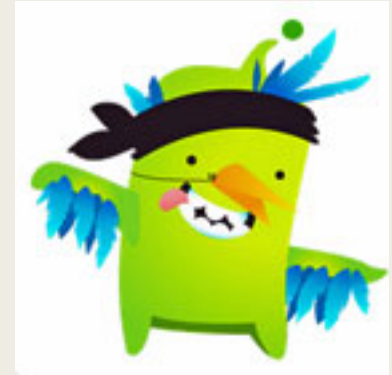


ClassDojo

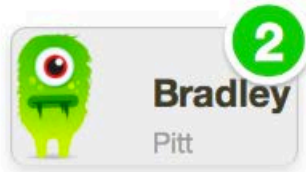


- This tool is a fun and easy way to keep track of student behavior
- Allows teachers to take attendance quickly and give positive or negative reinforcement, depending on a child's actions that day.
- Each student gets a critter
- Parents/guardians can get real time updates

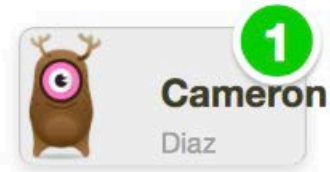
ClassDojo



-1
Angelina
Jolie



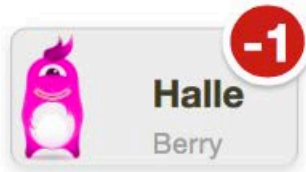
2
Bradley
Pitt



1
Cameron
Diaz



1
Denzel
Washington



-1
Halle
Berry



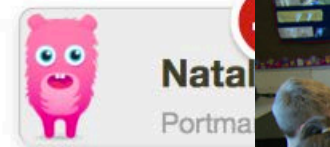
Hugh
Jackman



Matthew
Damon



Megan
Fox



Natalie
Portman

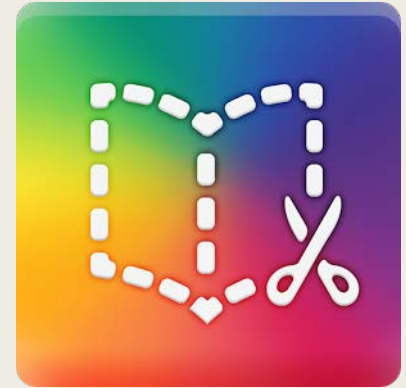


Book Creator

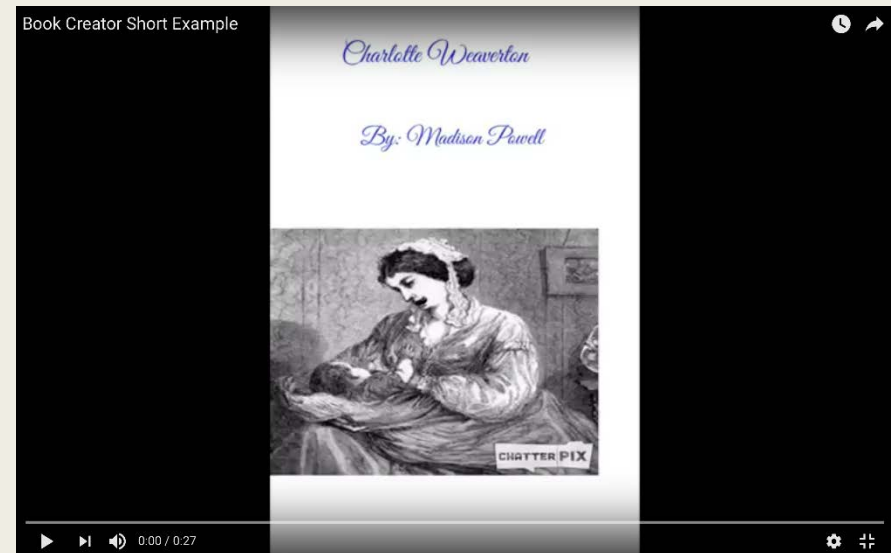


- Bookmaking to create and publish books
- Students pick images, place text, and choose background colors to assemble books
- Increases student engagement
- Online book can be sent over email, opened in iBooks, and saved in iTunesU

Book Creator



- [Example of BookCreator](#)

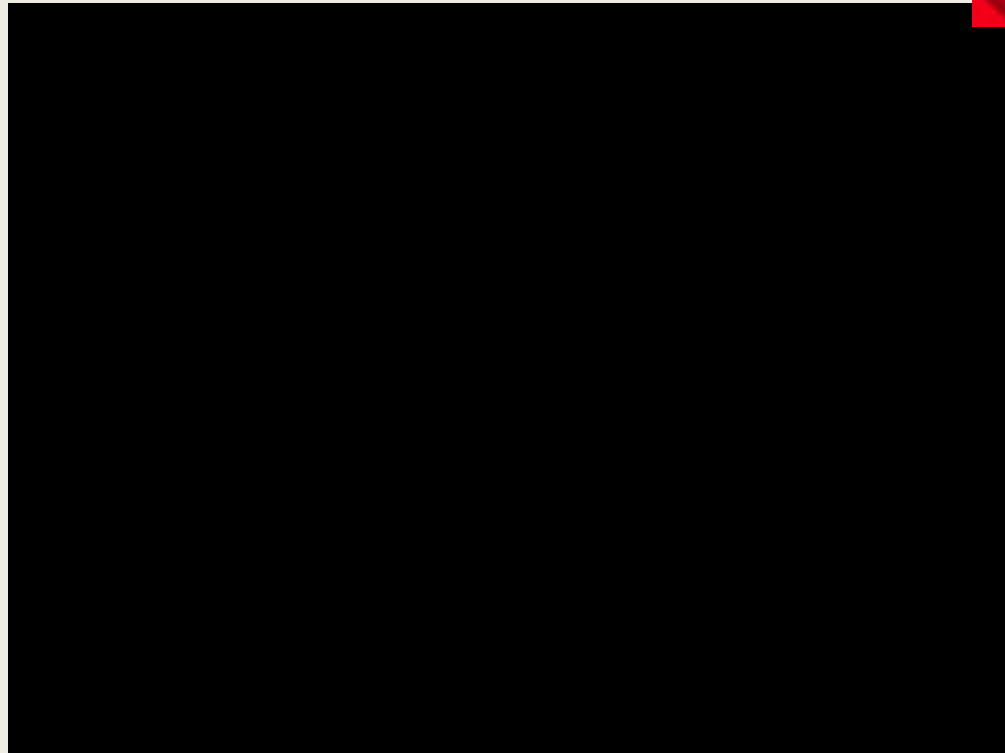


TeleStory

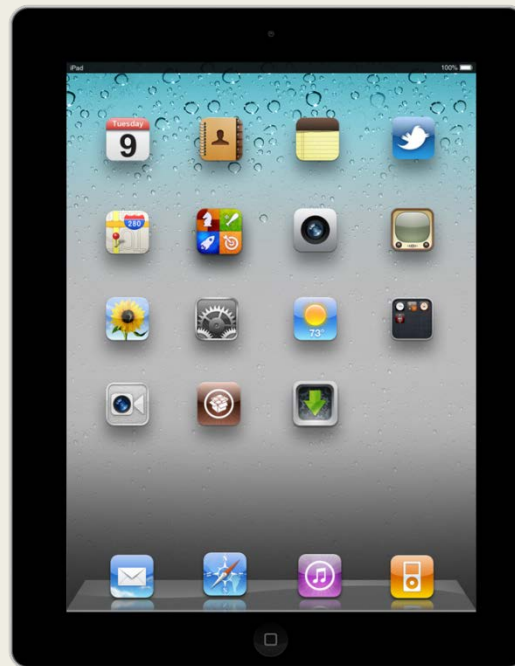


- It is a video creation tool, cartoon style video
- Allows for project-based, student-owned themed TV show
- Gives background scene, face detecting costumes, cue cards and special effects
- Increases student engagement

TeleStory



Other iPad Apps as a Learning Tool




APPs We Have Used


- ✓ iTunesU
- ✓ CheckImHere
- ✓ Make Beliefs
- ✓ Animate Me
- ✓ OneNote
- ✓ InClass
- ✓ KidBlog
- ✓ Kindle
- ✓ Pinterest
- ✓ Prezi
- ✓ CommonCore
- ✓ TedTalks
- ✓ Slack
- ✓ Garage Band
- ✓ English Essentials
- ✓ News-o-Matic
- ✓ Knowmia
- ✓ FreeBooks
- ✓ Evernote
- ✓ Dragon Speak
- ✓ NearPod
- ✓ Poll Everywhere
- ✓ Spotify
- ✓ APA Cited
- ✓ Skype
- ✓ Lynn Gradebook & Attendance
- ✓ Autism iHelp
- ✓ Model Me Kids –Autism Emotions
- ✓ New York Times
- ✓ Video Compressor

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