

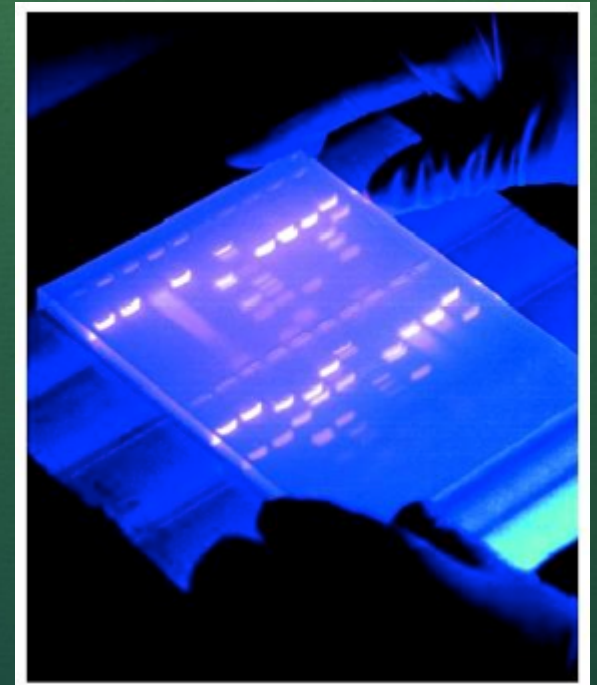


Using iPads for Effective Science Instruction

JoAnne R. Brown, M.Ed

Utah Science Teachers Conference, February 7, 2014

Technology and Learning



My Classroom Model

High Quality
Lesson Design

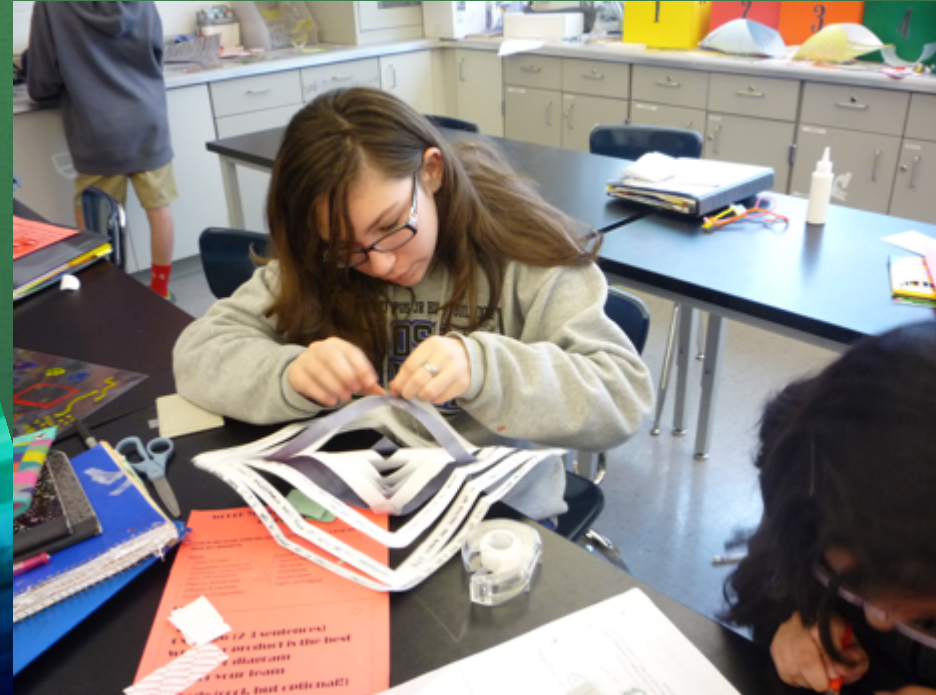
Inquiry-based
Learning

eMINTS
Instructional Model

Powered by
Technology

Classroom
Community

Not Just About the Apps!



It's About How You USE the Apps!



Us and Them

Turn your
computer
into a
SmartBoard

Play Games

Organize your students

Show videos

Flip your classroom

Take notes

MAKE POSTERS



NOW Let's Talk About
Apps...

Apps for Classroom Management



- Tap Roulette
- SMART Notebook for iPad



- QR codes – i-nigma
- Instashare
- Dropbox

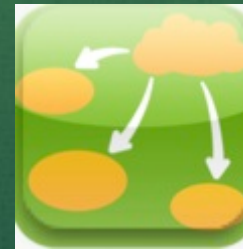
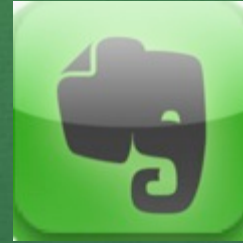


- BracketMaker
- Doceri



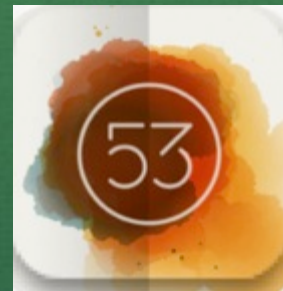
Apps for Organizing Information

- Inspiration
- Note Anytime/ Evernote
- Flashcards
- GeniusScan



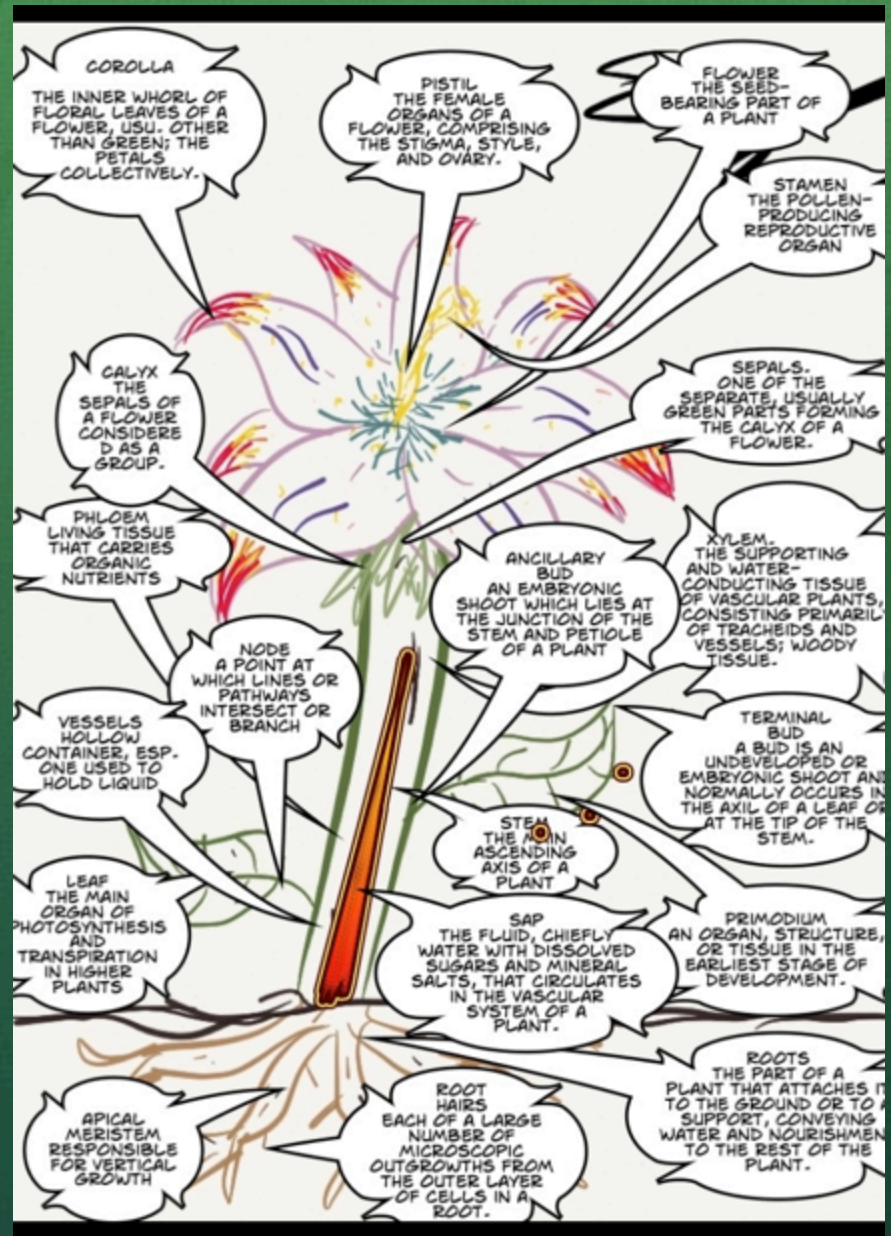
Creativity Apps

- Paper
- Doodle Buddy
- Comic Life
- Mozaikr
- Photo Wall
- ImageChef



Comic Life

Biology project labeling the various parts of plants



Comic Life Screen Shot


7th Grade GT Science,
Earth's Structure Vocab

iPad 8:21 AM 96%

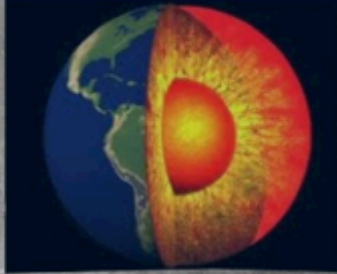
My Comics Undo Urbana

EARTH VOCAB


Volcano! A vent in the earth's crust through which lava is expelled




Earth's Core! the center of the earth



Earthquake! A sudden release of energy in the earth that cracks the crust




Meteorite! A mass of stone or metal that has fallen from space



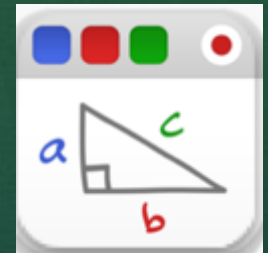
Select All

ABCDE...
LETTERING



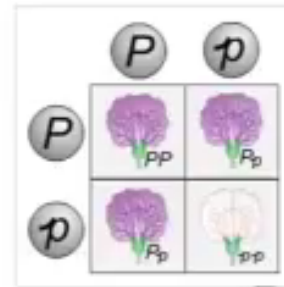
Presentation Apps

- QuickOffice
- Educreations
- Explain Everything
- NearPod



Basic 9th Grade Explain Everything

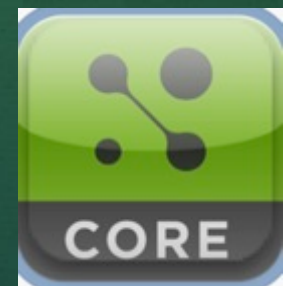
Dominant - always shows up
Recessive - only shows up if there is no dominant



a purple flower that is PP combined with a white flower (pp) will make a purple (Pp)

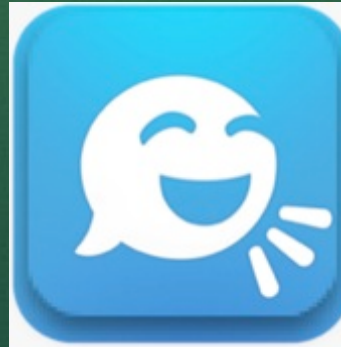
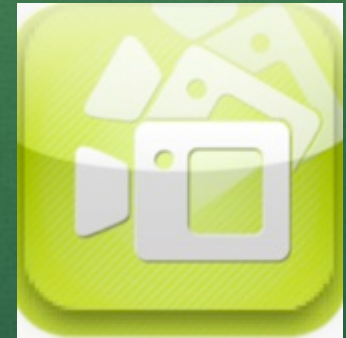
Reference Apps

- Dictionary!
- On this day...
- Gray's Anatomy
- USGSSeismic
- Vernier

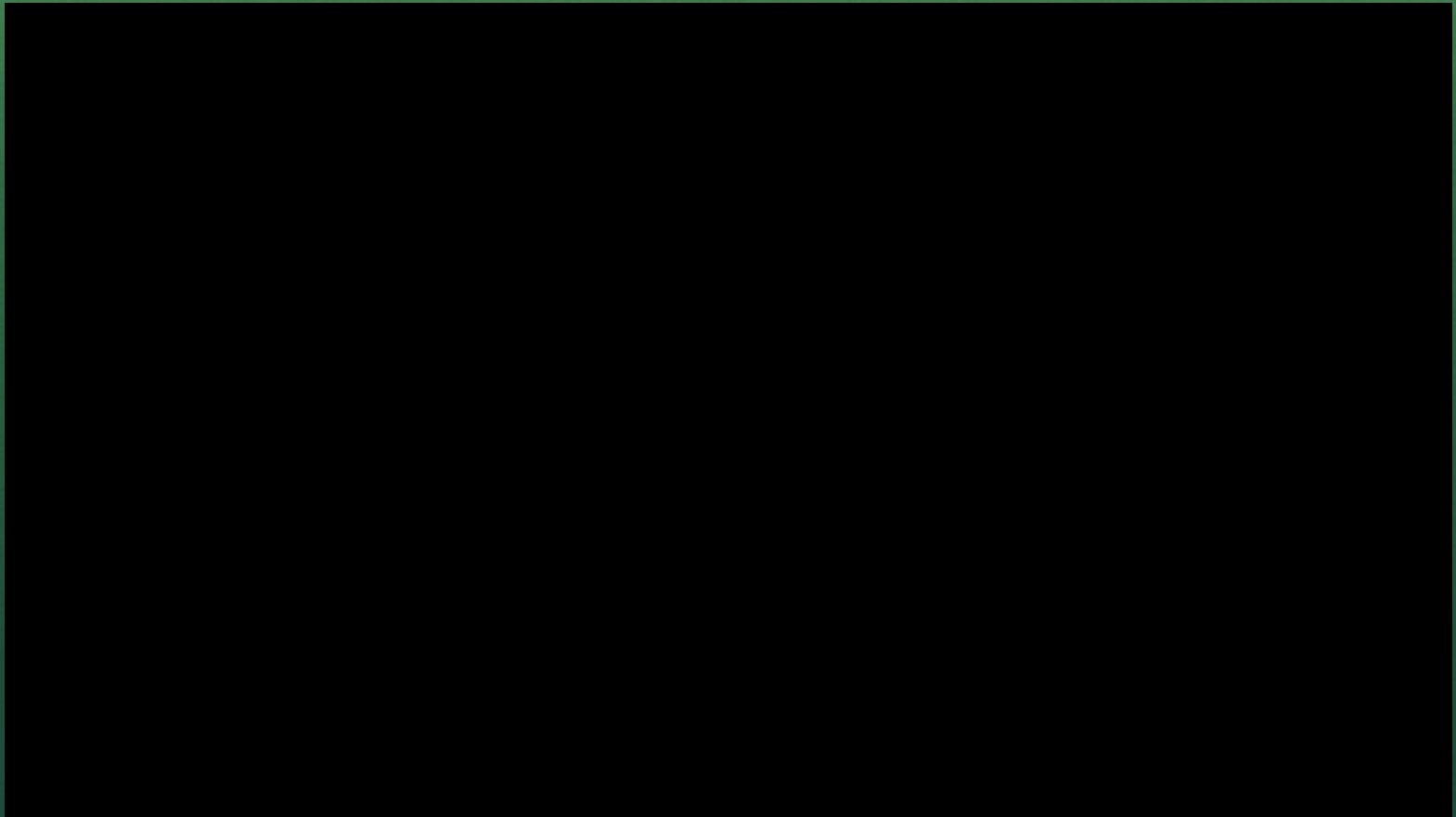


Media Apps

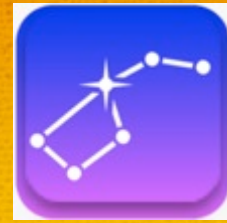
- Sock Puppets
- Tellagami
- iMovie
- VoicePlus



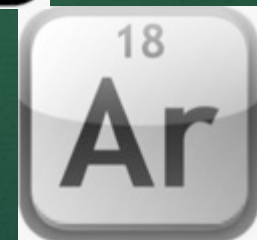
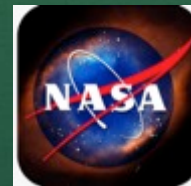
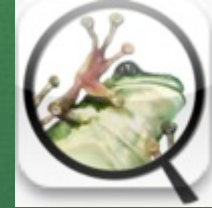
Student Movie on CHNOPS



Science Apps

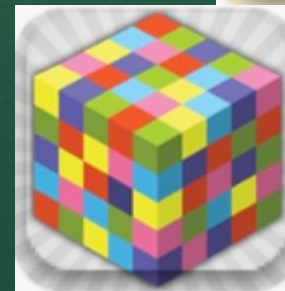
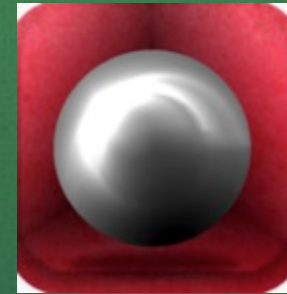


- The Elements
- Froguts HD
- StarWalk
- Bill Nye the Science Guy
- Buzz Aldrin
- APOD



Just for Fun...and Education

- Crayon Physics
- Labyrinth HD
- Holes and Balls
- Cut the Rope
- Where's my Water?
- Flow Free
- Take It Easy
- Flood It!



A Word About Money...

- Spend smart on apps – better to spend more on a couple of quality apps you will use a lot
- Look up resources for free apps – many apps go on special once or twice a year
- Invest at the beginning...many apps I've had for years and they are always updated
- GRANTS!!! Trust me!!!!
 - DonorsChoose
 - 100% for Kids
 - Intel
 - New things come up all the time! Keep an eye out!