The Tech Savvy Teacher

Dr. Kelly Edenfield, Manager of School Partnerships
Carnegie Learning
TodaysMeet (Private)

- TodaysMeet is a backchannel.
- **Backchannels** are conversations that can occur during the primary activity, presentation, or discussion, as well as after school to provide students with a collaboration space.
- Backchannels can increase engagement: behavioral and cognitive engagement.
- TodaysMeet is designed for teachers and students.
- Easy to start, easy to join with no registration.

Please Join the Chat: [http://today.io/186f9](http://today.io/186f9)
Beware of information overload!

This presentation will be sent out after the session.
What does it mean to be Tech Savvy?

Please answer in TodaysMeet (Private)
or on Twitter (Public) with #edtech and @CLkedenfield
Digital Classroom Look-Fors

- The students are engaged in solving mathematical problems and communicating their understandings to their teacher and to their peers.
- Technology is used to, at a minimum, enhance learning in a way that could not be accomplished with traditional methods.
- Technology is used to improve efficiency of teacher and student tasks.
- Expectations for appropriate technology use are known and practiced by the students.
- Each student is in charge of his/her own device.
Technology adoption life cycle

Dr. Reuben Puentedura - SAMR

Redefinition
- Tech allows for the creation of new tasks, previously inconceivable

Modification
- Technology allows for significant task redesign

Augmentation
- Tech acts as a direct tool substitute, with functional improvement

Substitution
- Tech acts as a direct tool substitute, with no functional change
Substitution: Computational Tools

- Solves problems using multiple representations
- Word problems, too!
Augmentation: PDF Annotation

Search for what’s important to you:
http://appcrawlr.com/app/uberGrid/409704
Augmentation: Formative Assessment/Data

Plickers is a powerfully simple tool that lets teachers collect real-time formative assessment data without the need for student devices.
Augmentation: Formative Assessment/Data
Augmentation: Formative Assessment/Data

Using Kahoot! is as easy as

1. Create
Create a fun learning game in minutes (we call these ‘kahoots’), made from a series of multiple choice questions. Add videos, images and diagrams to your questions to amplify engagement!
Augmentation: Formative Assessment/Data

Smart Student Response System

**SIMPLE & SMART**
Socrative is a smart student response system that empowers teachers by engaging their classrooms with a series of educational exercises and games. Our apps are super simple and take seconds to login. Socrative runs on tablets, smartphones, and laptops.

**ENGAGING**
Teachers login through their device and select an activity which controls the flow of questions and games. Students simply login with their device and interact real time with the content.
Augmentation: Formative Assessment/Data

FEATURES FOR TEACHERS

- Link questions to state standards and generate standards-based reports
- Give students immediate personal feedback
- Grade assignments with any web or document camera
- Create and print answer forms on plain paper
- Transfer scores into any electronic gradebook
- Share assessments with other educators in real-time
Augmentation: Formative Assessment/Data

EASILY CREATE NEW QUIZZES

SCAN AND GRADES PAPERS IN ONE STEP

- Review results immediately with students
- Export results to PDF or CSV reports

Don't take your grading home!

ZipGrade turns your phone or tablet into an optical grading machine similar to a Scantron. It reads free-to-download answer sheets in multiple sizes. Provide instant feedback to students by grading exit tickets, quizzes, and formative assessments as soon as they finish.

- Free download with 100-scan demo
- Full Version: $1.99 for 2 months or $6.99 for 1 year.

Carnegie Learning
Modification: Investigations
Modification: Practice with Feedback
Redefinition: Collaboration

• Backchannels, such as TodaysMeet

• Google Docs and Google Forms

• mathchat

Carnegie Learning
Redefinition: Instruction and Artifacts of Learning

• Let’s explore slope: https://www.thinglink.com/scene/717426047380881409
Redefinition: Many Resources in One Place

Google for Education

nearpod
What will you take away from today’s session?

Please answer in TodaysMeet (Private)
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For More Information, Contact me:

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