I Scream, You Scream, We All Scream!!

Standardizing and refining your processes for success with distance learning.

Presenter: Daron Martin
Pre-Assessment!!!
Poll

A. Yes, I'm a pro!

B. No, I'm not sure how I survived!

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Poll

A. 1 (Horrible)
B. 2
C. 3
D. 4
E. 5 (Great)

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Open Ended Question

What percent of your online/office hours were spent trouble shooting technology and/or helping students locate assignments?
Collaborate!

Biggest barriers to distance learning?

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My Background….

- Gwinnett County Public Schools / Large very diverse district
- STEM focused Chemistry and PBL Astronomy
- Project-Based Learning...no flipped class experience
  - Digital collaboration techniques from industry partners
- District Approved Platforms
  - eCLASS (Blackboard/Desire2Learn platform)
  - Google Classroom
K.I.S.S.

- Went into this time with 2 goals
  - How can I keep this as simple a possible for myself?
  - Past digital learning experiences were convoluted?
  - How can I help as many of my students as possible interact with the content in a meaningful way?

- Looking at the standards left to teach
- Graduation requirement assessment
Poll

A. 20%
B. 40%
C. 60%
D. 80%
E. 100%

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What was I to create?

- I decided that instructional videos.
  - Normalcy
    - Huge impact to kids!
  - Content Control
    - AKS Centered
  - Model Processing skills
- Quizzes
  - Small/frequent checks
  - Easy feedback
- Lab/inquiry experiences
  - Create models
  - Experiments
  - Simulations
How was I to create?

- Rely on teacher teams!
  - Common course teams
    - Load (more thoughtful robust lessons)
    - Feedback
    - Remediation
    - Play to strengths of the group
  - Interdisciplinary Teams
    - Flexibility
    - Accountability

- Utilize Mastery-based assignments
  - “Compassion vs. Compliance”
  - Create assignments that allow students to review and show mastery of past standards.
Where?

● Same place EVERY. SINGLE. DAY.
  ○ Choose a platform that meets your needs and use it every time. (Google Suite/County platforms/Google sites/Class Blog/etc.)
    ■ Announcements/Alerts
    ■ Post a variety of resources
    ■ Accessible on a variety of devices.

● Hyperlink, Hyperlink, Hyperlink
  ○ Minimizes confusion in finding a variety of resources

● Embed, Embed, Embed
  ○ This allows students to double back between instruction and assignments without losing their place.
A. Most of them
B. About half
C. Very few

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How can I ensure the most students have access?

- Make sure to use resources that are available via smartphone
  - Instruction
    - Youtube video/.mp4 or .MOV
    - Google slides pdf Slides
    - ZOOM (synchronous and asynchronous)
    - Quizlet
    - Nearpod (what this presentation is using)
    - Screencastify (great initial tool)
    - Desmos
  - Assignments
    - Google Form (quizzes)/doc
    - Phet simulations
    - Nearpod
    - Padlet
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Q&A
Thank-you for your time!

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