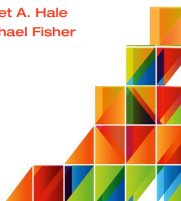**Transforming Curriculum:**

One Unit at a Time

ASCD 2013 Chicago #UpgradeYC

Upgrade Your **Curriculum**

Practical Ways to Transform Units and Engage Students
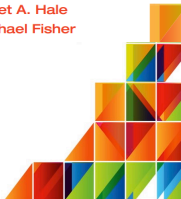
Janet A. Hale
Michael Fisher

Upgrade Your **Curriculum**

Practical Ways to Transform Units and Engage Students

Janet A. Hale
Michael Fisher
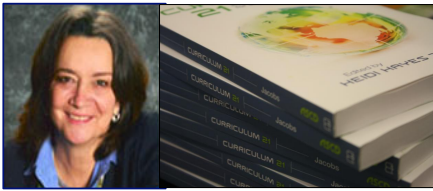
Interact DURING the presentation:

http://todaysmeet.com/upgrade

TodaysMeet

Talk. Listen.

Create a Room.

TodaysMeet helps you embrace the backchannel and connect with your audience in realtime.

Name your room

ie: http://todaysmeet.com/

Encourage the room to use the live stream to make comments, ask questions, and use that feedback to tailor your presentation, sharpen your points, and address audience needs.

Delete the room in

one week

how long will the room data be saved?

By submitting this form you agree to the Privacy Policy and Terms.

Create your Room.

Blog | About | Help | Privacy | Terms of Use | © 2008–2012 James Socol.
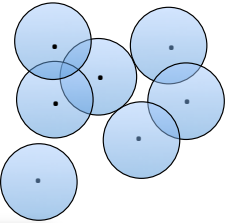
Curriculum 21 ASCD, 2010.

"Birth" of Our Upcoming ASCD Book…

= Orbits of Ability

Personal Growth **= Orbit Edges Touching**

Collaborative Growth = **Orbit Overlap (Shaded Area)**

21st Century Pledge

Each teacher commits to …
• Review all current available technological resources in the district.
  • Online resources: video streaming; Internet Web sites and subscriptions; WebQuest creation; Webcasting through laptop.
  • Hardware resources: videoconferencing; laptop labs; digital cameras; digital recording studio.
  • Creative software: Movie Maker; MediaPlayer; video clips via digital cameras.
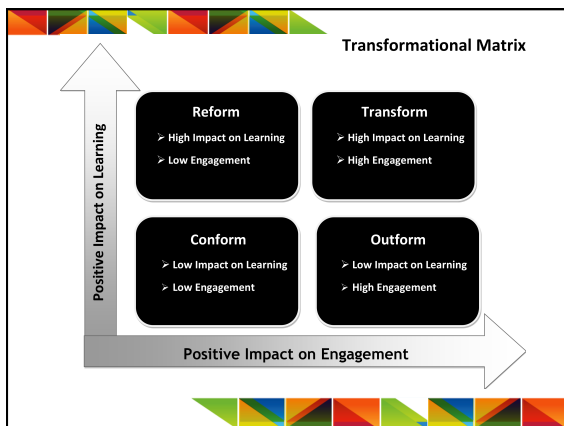• **Identify at least one specific unit to revise.**

21st Century Pledge (continued)

• **Plan to replace a specific content, skill, and assessment practice with a 21st century upgrade within the unit.**
• **Share the proposed change with colleagues.**
• Learn to use the tool that will be requisite to replace the current unit design with the new practice.
• **Revise the unit and begin implementation with students**.
• Tolerate a certain degree of frustration.
• Celebrate the victories.
• **Review and share 21st century learning openly with colleagues at targeted work sessions through the school year**. (p. 22)

Our **transformational process spiral** consists of four phases:

1. **Appraisal & Brainstorming**
2. **Commitment & Communication**
3. **Reactions & Reflections**
4. **Revisions**

NEW PARADIGM AHEAD

Transformational Matrix

Positive Impact on Learning

Reform	Transform
➢ High Impact on Learning	➢ High Impact on Learning
➢ Low Engagement	➢ High Engagement

Conform	Outform
➢ Low Impact on Learning	➢ Low Impact on Learning
➢ Low Engagement	➢ High Engagement

Positive Impact on Engagement

TodaysMeet

Interactive Checkpoint

When you think of the matrix zones, is your instruction mostly in one or the other? What are some initial ideas you are having for shifting to a more student-centered zone?

Meet Santos…

Photo purchased from Fotolia.com

Will the transformational unit focus on upgrading…

Appraisal and Brainstorming

Curriculum Design?
Instructional Practice?
Both?

What will be the key entry level for the transformational unit?

• **Unit of Study**
• **Instructional Unit Plans**
• **One Lesson/Series of Lessons**

Appraisal and Brainstorming

What will be the
key entry point or points
for the transformational unit?

• **Performance-Task Assessments**
• **Culminating Experiences**
• **Curriculum Examinations**
• **Instructional Innovations**

Symphony of Whales

Appraisal and Brainstorming

What will be the
key 21st Century entry point or points
for the transformational unit?

Appraisal and Brainstorming

Commitment and Collaboration

• **Higher-Order Thinking**
• **Collaborative Environments**
• **Local and Global Connections**
• **Glocal Impacts**
• **Standards Connections**
• **Technology and Web-Based Tools**

Social Justice LIVE!

Expanded SAMR model:

Amplifying

Informating

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

Modification
- Technology allows for significant task redesign.

Automating

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

Substitution
- Technology acts like a direct tool substitute, with no functional change.

TRANSFORMATIONS

TodaysMeet

Interactive Checkpoint

Now that you've seen the entry levels, entry points, and the SAMR model, is a curriculum design or instructional practice focal point emerging?

Appraisal and Brainstorming
Commitment and Collaboration
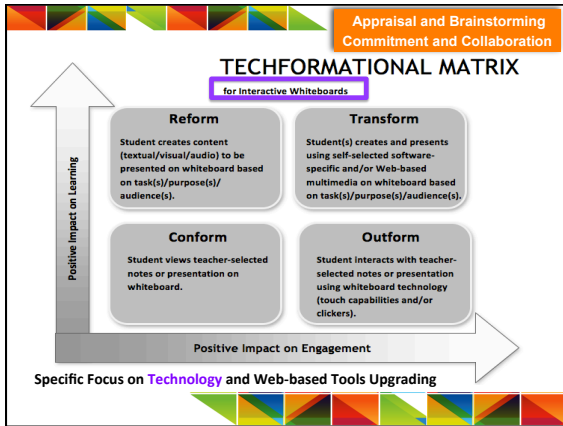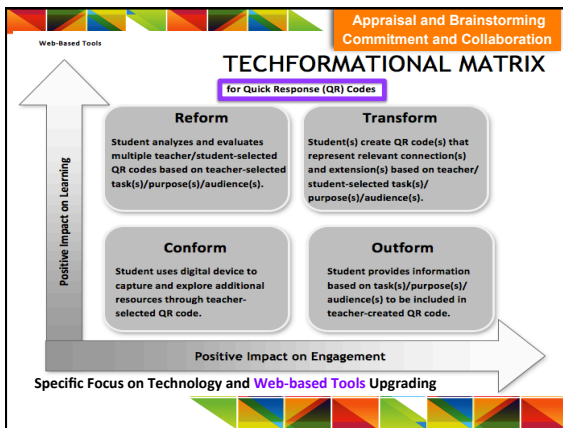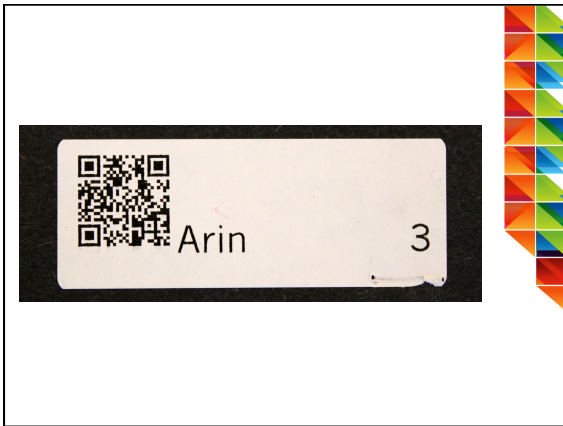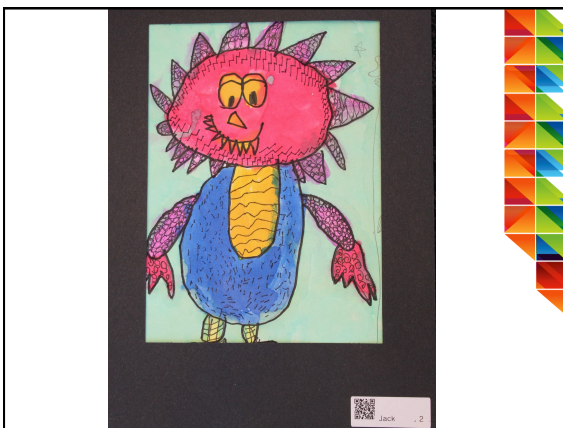
TECHFORMATIONAL MATRIX
for Interactive Whiteboards

Reform
Student creates content (textual/visual/audio) to be presented on whiteboard based on task(s)/purpose(s)/audience(s).

Transform
Student(s) creates and presents using self-selected software-specific and/or Web-based multimedia on whiteboard based on task(s)/purpose(s)/audience(s).

Conform
Student views teacher-selected notes or presentation on whiteboard.

Outform
Student interacts with teacher-selected notes or presentation using whiteboard technology (touch capabilities and/or clickers).

Positive Impact on Learning

Positive Impact on Engagement

Specific Focus on Technology and Web-based Tools Upgrading

Web-Based Tools

Appraisal and Brainstorming
Commitment and Collaboration

TECHFORMATIONAL MATRIX
for Quick Response (QR) Codes

Reform
Student analyzes and evaluates multiple teacher/student-selected QR codes based on teacher-selected task(s)/purpose(s)/audience(s).

Transform
Student(s) create QR code(s) that represent relevant connection(s) and extension(s) based on teacher/student-selected task(s)/purpose(s)/audience(s).

Conform
Student uses digital device to capture and explore additional resources through teacher-selected QR code.

Outform
Student provides information based on task(s)/purpose(s)/audience(s) to be included in teacher-created QR code.

Positive Impact on Learning

Positive Impact on Engagement

Specific Focus on Technology and Web-based Tools Upgrading

7

Arin   3

Jack   2

Jack   , 2

Putting it all together…

TodaysMeet

Interactive Checkpoint

What Transformational Matrix zone is represented by the JOGA upgrade? What suggestions would you offer to move it up a zone?

Upgrade Your Curriculum   - Appendix

Digital Devices

Digital devices refer to technology hardware. Particular brand names are not mentioned since the purpose is not the device itself, but rather the meaningful use from a student-centered perspective. The matrices included in this section are: *Digital Cameras, Web-enabled eReading Devices,* and *Applications (Apps) on Digital Devices.*

Web-based Tools

Web-based tools are software and applications accessible via the Internet. The matrices in this section include: *Digital Storytelling, Blogging, Technology-Based Data Visualization, iTunes,* and *Quick Responses (QR) Codes.*

Collections

Collections represent using technology and Web-based tools to aid in a student's or students' abilities to assemble information. The matrices in this section include: *ePortfolios, Digital Video-Learning Libraries, Web-Based Content Curation,* and *Cloud-Based Resource Management.*

Join us this evening at 5:00 for more on TECHformations!

Spark Conversations

Teachers and administrators find the processes in *Upgrade Your Curriculum* useful for sparking collaborative conversations focused on student-centered learning. A curriculum director or professional-development facilitator might choose to use the matrices while posing thought-provoking questions such as:

• *If I find that most of my instructional time in the conform section of the matrix, does that indicate I am not a quality teacher? What's my next transformational step?*

• *What does it mean to be transformational about our instruction and assessment?*

• *What current curriculum-map units encourage students to outform, reform, or transform? What evidence supports your reasoning?*

What's your UPGRADE action plan?

Do Now?
Do Next?
Explore Later?

Share your thoughts using TodaysMeet
or discuss your thoughts with those around you…

More than meets the eye…

Image from: http://hdwallpapersbase.com/transformers-wallpapers/

Janet Hale
Twitter: @Janet_Hale
Email: TeachTucson@aol.com
Website: www.curriculummapping101.com

Michael Fisher
Twitter: @fisher1000
Email: mikefisher821@gmail.com
Website: www.digigogy.com

Book Link:
Upgrade Your Curriculum

Conversation Link:
Upgrade Your Curriculum ASCD Edge Group

:CONNECT: