Title
Teachers Training

author
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Wednesday, February 26, 14
TouchCast Teachers Training // Agenda

**Agenda:**

**Engaging with the YouTube Generation**
- How are children communicating and learning?
- What 21st Century skills should we be teaching our children?

**Introduction to TouchCast**
- What is TouchCast?
- How can teachers and students use it and benefit from it?
- Examples of best practices of TouchCast in Education
- What does the 21st Century classroom with TouchCast look like?

**Teachers Workshop**
- A step by step walkthrough of the TouchCast app
- Creating your first TouchCast
ENGAGING WITH THE YOUTUBE GENERATION
Engaging with the YouTube Generation // How Are Kids Learning?

How do children communicate and learn today?

- **Visual Search** – Until recently, most young learners used a textbook or an encyclopedia. Today, most students turn to the web first and increasingly search YouTube, even before Google.
- **Immediate Exploration** – Children have access to an almost infinite wealth of engaging online information to satisfy their curiosity.
- **Sharing 24/7** – Children express themselves through digital sharing. They’re not only creators. With social media, they’re publishers and broadcasters.
- **Positive Social Feedback** – Children give each other virtual encouragement encourage each other through ‘Likes’ (Facebook), ‘Hearts’ (Tumblr) and ‘Favorites’ (Twitter) and ‘Thumbs’ (YouTube).
- **Multiple Information Layers** – Children are engage with many sources of information simultaneously.
- **Digital Articulation** – Children communicate in links, images, and video.
WHAT 21ST CENTURY SKILLS SHOULD WE BE TEACHING OUR CHILDREN?
Engaging with the YouTube Generation // 21st Century Skills

What 21st Century skills should we teach our children?  
Aligned with Common Core Standards

<table>
<thead>
<tr>
<th>Information Literacy</th>
<th>TouchCast Advantages</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Access and Evaluate Information</strong></td>
<td><strong>Easy Access to Various Types of Information</strong></td>
</tr>
<tr>
<td>• Access information efficiently (time) and effectively</td>
<td>• Vapps of web pages, YouTube, twitters, polls, etc.</td>
</tr>
<tr>
<td>(sources)</td>
<td></td>
</tr>
<tr>
<td>• Evaluate information critically and competently</td>
<td></td>
</tr>
<tr>
<td><strong>Use and Manage Information</strong></td>
<td><strong>Use and Manage Information Creatively</strong></td>
</tr>
<tr>
<td>• Use information accurately and creatively for the</td>
<td>• Users can role-play, use a green screen, collaborate,</td>
</tr>
<tr>
<td>issue or problem at hand</td>
<td>and broadcast a lecture, debate, interview, or</td>
</tr>
<tr>
<td>• Manage the flow of information from a wide variety</td>
<td>documentation process.</td>
</tr>
<tr>
<td>of sources</td>
<td></td>
</tr>
<tr>
<td>**Use Information from a Wide Variety of Sources that is</td>
<td>**Use Information from a Wide Variety of Sources that is</td>
</tr>
<tr>
<td>Stored in One Place**</td>
<td>Stored in One Place**</td>
</tr>
<tr>
<td>• Users utilize various Vapps that can be stored,</td>
<td>• Users utilize various Vapps that can be stored,</td>
</tr>
<tr>
<td>managed, and accessed all in one place.</td>
<td>managed, and accessed all in one place.</td>
</tr>
</tbody>
</table>

SOURCE: Institute of Museum and Library Services 2012
What 21\textsuperscript{st} Century skills should we teach our children?  
Aligned with Common Core Standards

<table>
<thead>
<tr>
<th>Media Literacy</th>
<th>TouchCast Advantages</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Create Media Products</strong></td>
<td><strong>Create Interactive Video Broadcast Products</strong></td>
</tr>
<tr>
<td>• Understand and utilize the most appropriate media creation tools, characteristics, and conventions</td>
<td>• Allow active learning experiences by creating Media Products that require a production process with planning, organizing, and understanding technical procedures</td>
</tr>
<tr>
<td>• A new form of learning is born when students produce media around a theme and learn by doing</td>
<td></td>
</tr>
</tbody>
</table>

SOURCE: Institute of Museum and Library Services 2012
What 21\textsuperscript{st} Century skills should we teach our children? 
Aligned with Common Core Standards

<table>
<thead>
<tr>
<th>Information, Communication &amp; Technology Literacy (ICT)</th>
<th>TouchCast Advantages</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Apply Technology Effectively</strong></td>
<td><strong>Apply Technology Effectively by</strong></td>
</tr>
<tr>
<td>• Use technology as a tool to research, organize, evaluate, and communicate information</td>
<td>• Using TouchCast as a tool to research information for learning assignments, organizing the content, evaluating self and peers, and communicating information in the classroom and outside</td>
</tr>
<tr>
<td>• Use digital technologies communication/networking tools, and social networks appropriately to access, manage, integrate, evaluate, and create information to successfully function in a knowledge economy</td>
<td>• Peer-to-peer learning through the video network.</td>
</tr>
<tr>
<td>• Become effective communicators of ideas and knowledge</td>
<td>• Using TouchCast to become effective communicators of ideas and knowledge by creating broadcasts that requires pre-production, scriptwriting, editing, self-evaluation and reflections.</td>
</tr>
</tbody>
</table>

SOURCE: Institute of Museum and Library Services 2012
INTRODUCING TOUCHCAST IN EDUCATION

Digital Storytelling
What is TouchCast?

- **Video-Web platform** – TouchCast is a user-friendly broadcasting tool to create interactive videos that can be used by students and teachers.

- **Turn Students into Broadcasters** – The easy video creation tools of TouchCast give students the opportunity to present and share their knowledge in a manner they have already embraced outside school.

- **Communication and Sharing** – Content is easily and safely shared between students and teachers, students and their classmates, and teachers and parents.

- **Tool for Assessment** – On playback, the technology provides immediate feedback to the student while delivering assessment metrics to the teacher, the school’s administration, and parents through a web-based dashboard.

- **Curriculum-Based Themes** – Lesson plans will be offered to guide teachers through creative uses of the tool, including building activities around the Common Core Standards.
HOW DO TEACHERS USE TOUCHCAST?
How do teachers use TouchCast?

- **Flipped Classroom** – Teachers create lecture-based TouchCasts that are consumed by the student outside the classroom. This frees classroom time for class discussion and other types of active, two-way learning.

- **Assignments** – From in-class activities to homework, assignments are given to students to create video compositions of varying modalities such as debates, lectures, role-playing, interviewing, and documenting activities.

- **Class Discussion** – Teachers use TouchCast to create online discussions with students where even shy students can showcase their voices through broadcast.

- **Assessment** – TouchCast facilitates teachers easily monitoring and assessing their students’ understanding of the subject matter by observing their output.

- **Communication** – Teachers and school administrators use TouchCast to exchange a variety of messages to their network, including general announcements, reports, tutorials, reminders, notes to sick students, etc.
flipped classroom
communication

School-wide

Class-wide

Students-parents

Teacher-student

Class-class
Components for a TouchCast Lesson Plan:

- **A list of TouchCast formats** - Debate, lecture, documentation process, interviewing, etc.
- **A list of lesson themes** - The Time Tunnel (history), Travel Diary (geography), Election debates, News Channel (civic), The Lab (science), Book Report (literacy)
- **Tips for pre-production** – Checklist, planning, script writing, technical requirements, etc.
- **Tips for story telling and performance** - Suggestions for script writing formats (debate, lecture, documentation process, interviewing, etc), tips for creating best narratives
What are the benefits of TouchCast for teachers?

- **Meaningful Learning Experiences** – Allows teachers to easily incorporate active learning experiences in the classroom and at home, leading to more meaningful learning experiences.

- **Engaging Students** – By speaking their students’ language, teachers better engage their class in a fun way. Shy students can participate and learning turns more fun for everyone.

- **Real-time Assessment** – Through video playback, TouchCast allows teachers to easily monitor student progress.

- **Easy Communication** – Allows convenient and immediate communication inside and outside the classroom environment with students and parents.

- **Content Accessibility and Storage** – Allows simple digital storage of students’ and teachers’ TouchCasts, facilitating easy access and sharing.

- **Less Time Needed to Create Richer Learning** – TouchCast makes it easy for teachers to create content from various resources and different media formats.
A PLATFORM FOR STUDENT EXPRESSION
students lectures

History

English

Science

Math

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embodied learning experiences
self-assessment
collaboration
digital literacy skills
critical thinking skills
becoming better storytellers
self-expression
Students are on camera, meaning they can’t fake their absorption of the class material. Students actively process the content through pre-production and their subsequent broadcast.
On playback, students can self-assess their learning in real-time through vApp interaction.
Small groups can work together on their TouchCasts, facilitating collaborative skill growth.
digital literacy skills

Students learn how to efficiently filter and absorb online resources and use this content to support references
Lesson plans built around TouchCast utilize video creation as a catalyst for building arguments and deeper class discussion.
Students hone their ability to communicate information effectively as video scales better than standard classroom mechanisms.
Children are comfortable using digital tools to express themselves; TouchCast embraces this interest and turns it into a learning environment.
IMAGINE THE TOUCHCAST CLASSROOM
The TouchCast Classroom Configuration

**TouchCast Studio** - A central area that functions as a virtual set via green screen, allowing the students to travel in space and time.

**Equipment Kit**
- Tripod, iPad, microphone, and headphone station
- Green screen - selection of backgrounds for themes
- Costume box - selection of costumes for role playing

**TouchCast Group Sessions**
- One iPad per group (2-6 children)
- Roles in a group: director, actors, lighting, makeup, wardrobe, sound, scriptwriter, editor, etc.

**TouchCast Roaming sessions**
- One iPad per group (2-6 children)
- Individual students
- Taking iPads outside classroom to create TouchCasts
equipment kits to turn the class into mini-production studios
each kit includes:
- green screen
- lights
- sound equipment
- tripod for iPads
- costume box
students can venture into the real world to observe to interview to capture to share
pre-production involves researching reading and writing revising rehearsing
homework
involves
creating
consuming
conversing
collaborating
TEACHERS WORKSHOP

Ready to create your first TouchCast?
How to make a TouchCast // Step by step training

Register / Login

Plan your TouchCast

Resources:
1. Write and time your script -- Tele-prompt Text tool
3. Plan and Create your Whiteboards -- choose a board and use the Text / Drawing tools

Create a new TouchCast

Save

Add and Organize vApps

Record your TouchCast

Record
Add Effects
Add vApps
Draw / Add Text

View
Save and Share / Re-record / Delete / Start again
How to make a TouchCast // Register / Login

Sign up by email

Welcome to TouchCast:
a fun, easy way to create, share and watch interactive videos.

Log in with facebook
Sign up with email
Log in

Another Time

Create Your Profile:

Display Name: Xyang
Channel Name: xw632
Email: xw632@myu.edu
Password: **********

Please review the
TouchCast
Please also uphold the
Guidelines to help us grow a great video network.
Welcome to TouchCast!
## TouchCast // Plan your TouchCast

<table>
<thead>
<tr>
<th>Time</th>
<th>Script – MLK Assignment Example</th>
<th>vApps / Whiteboard</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 min</td>
<td>Introduction: Today we are going to talk about Dr. Martin Luther King’s speech “I Have a Dream.”</td>
<td>Background Photo: Martin Luther King.</td>
</tr>
<tr>
<td></td>
<td>“I Have a Dream” is the speech MLK gave to civil rights supporters from the steps of the Lincoln</td>
<td>(10s) Map app - Washington DC.</td>
</tr>
<tr>
<td></td>
<td>Memorial on August 28th 1963 during the March on Washington.</td>
<td>(20s) Whiteboard: “I Have a Dream,” Dr. Martin Luther King Jr.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(30s) Write on the board - 8.28.1963 and circle on map Lincoln memorial</td>
</tr>
<tr>
<td>Independent work</td>
<td>You can touch the vApp to watch the speech.</td>
<td><a href="http://www.youtube.com/watch?v=smEqnnkFyS">http://www.youtube.com/watch?v=smEqnnkFyS</a></td>
</tr>
<tr>
<td>30 sec and independent work</td>
<td>Which theme are you most passionate about in this speech? Vote from the following options</td>
<td>Poll: Equality, Freedom, Justice, Dream</td>
</tr>
<tr>
<td>1 min</td>
<td>King dreamed of a future where his children would “one day live in a nation where they will not</td>
<td>Quote vApp: “I have a dream that one day little black boys and girls will</td>
</tr>
<tr>
<td></td>
<td>be judged by the color of their skin but by the content of their character.” King had made a</td>
<td>hold hands with little white boys and girls.” Source: Dr. Martin Luther</td>
</tr>
<tr>
<td></td>
<td>compelling case for non-violent racial change. The speech has become one of the most famous of</td>
<td>King.</td>
</tr>
<tr>
<td></td>
<td>all time and is regarded as a milestone event for the civil rights movement. The most famous</td>
<td></td>
</tr>
<tr>
<td></td>
<td>quote from this speech is “I have a dream that one day little black boys and girls will be</td>
<td></td>
</tr>
<tr>
<td></td>
<td>holding hands with little white boys and girls.”</td>
<td></td>
</tr>
<tr>
<td>1 min</td>
<td>The assignment for today’s class is to make your own “I Have a Dream” speech and use TouchCast</td>
<td>vApp - List - 1. The Education Gap. 2. Civil rights in third world</td>
</tr>
<tr>
<td></td>
<td>to present it. Make sure to use the green screen and at least three vApps. In order to do so,</td>
<td>countries. 3. Gender issues. 4. World peace, Etc.</td>
</tr>
<tr>
<td></td>
<td>you need to come up with some ideas of what this dream mean to you. What are the themes you</td>
<td></td>
</tr>
<tr>
<td></td>
<td>would like to discuss in your speech?</td>
<td></td>
</tr>
<tr>
<td>50 sec</td>
<td>Here are some ideas for themes.</td>
<td></td>
</tr>
<tr>
<td>10 sec</td>
<td>You can start YOUR speech with Dr. MLK Jr. words - “I have a dream...”</td>
<td></td>
</tr>
</tbody>
</table>
How to make a TouchCast // Create a New TouchCast

Choose from available themes or tap "create new"
How to make a TouchCast // Create a New TouchCast

**TIME TO CAST!**
When you are ready to record your TouchCast. Tap the record button.

**READY TO HAVE FUN?**
Choose from the bottom menus to add on-screen **video apps**, **effects**, **title graphics**, and **whiteboards** to your TouchCast.

Tap done to preview and share your new TouchCast.
How to make a TouchCast // Add a Title

Watch TouchCast Tutorial for Titles

- Tap the title thumbnail in the carousel to toggle on. Press & hold to delete.
- Adjust how long the title should stay on screen.
- Add another title.
- Go to the next title.
- Hide the title on screen.

DIY Lessons to Share
How to make a TouchCast // Add a Title

Watch TouchCast Tutorial for Titles
How to make a TouchCast // Teleprompter

(10s) Map app - Washington DC
(20s) Whiteboard: "I have a dream", Dr. Martin Luther King Jr. Write on the board - 8.28.1963 and circle on map Lincoln memorial 30 sec

4. Edit You can touch the vApp to watch the speech. http://www.youtube.com/watch?v=smEqnnkIfYs

Independent work

5. Edit Which of the themes
How to make a TouchCast // vApps

vApps are video apps that can be added to your TouchCast.
How to make a TouchCast // vApp - Photo
How to make a TouchCast // vApp - Poll
How to make a TouchCast // vApp - Quote
How to make a TouchCast // vApp - List

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How to make a TouchCast // Organizing vApps

1. **Tap the vApp thumbnail in the carousel to toggle on.** Press & hold to delete.
2. **Move and scale the vApp using the frame.**
3. **Add another vApp.**
4. **Adjust the position of the vApp on screen.**
5. **Go to the next vApp in your carousel.**
6. **Hide the vApps on screen.**
How to make a TouchCast // Organizing vApps
How to make a TouchCast // Camera – Record

Watch TouchCast Tutorial for Camera
How to make a TouchCast // Whiteboard

Watch TouchCast Tutorial for Whiteboard
How to make a TouchCast // Whiteboard

Watch TouchCast Tutorial for Whiteboard

I HAVE A DREAM
August 28th 1963

TouchCast
How to make a TouchCast // Effects

Watch TouchCast Tutorial for Green Screen

Toggle the **Green Screen** to remove the background of your video. Solid colors work best.

Use the picker to select the color to remove.

Use sensitivity controls to tune the removal.

Sound effects!

Visual effects!
How to make a TouchCast // Save and ReRecord

Tap BACK to re-record

Save screen
How to make a TouchCast // Combine your TouchCasts

1. Tap edit
2. Select TouchCasts to merge
3. Tap the merge icon

Watch TouchCast Tutorial for Merging TapCasts
How to make a TouchCast // Tips

Plan your TouchCast, make a script, and time each vApp

Put your iPad right in front of you (so you don’t get a ‘double chin’ view)

Adjust the position of your iPad to make sure the camera is on the left side (so it looks like you are looking into the camera)

Save your project frequently

Record your TouchCast in short segments, pause, and continue to the next segment

Record your script first (with the teleprompter), then import it as video, the add your vApps on top of the video (only available for iPad 4 and up)

Close all other open applications to free up iPad memory

Watch TouchCast Tutorials on the website for more information
Educators are the catalysts and the driving force of shaping TouchCast for the important cause of creating meaningful learning experiences.

**Please join us today to be a TouchCast educational pioneer!**

We would love to receive your insight and feedback, as well as, answer any questions you might have.

Contact:
Dr. Ayelet Segal
edu@TouchCast.com

**THANKS**

www.touchcast.com

TouchCast was chosen by Apple as one of the best apps of 2013!
TouchCast is a foundational technology platform for the future of the #videoweb.

A TouchCast is a new kind of video that can encapsulate interactive elements within it: Web pages, documents, videos, pictures.

TouchCasts also contain clickable elements called Video Apps (vApps) - active HTML objects inside the video. They include maps, polls, Twitter streams, clickable headlines, photo galleries... almost anything developers can imagine.

Most importantly, TouchCast allows anyone from a first-time blogger to a movie studio - to create and watch stunningly multi-layered and hyperinteractive videos.

www.TouchCast.com