Class Resuscitation by Animation: Bringing your Classroom back to Life

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“Today we work with the written or spoken word as the primary form of communication.
But we also need to understand the importance of graphics, music, and cinema, which are just as powerful and in some ways more deeply intertwined with young people’s culture.

We live and work in a visually sophisticated world, so we must be sophisticated in using all the forms of communication, not just the written word.”
(cited by J.Daly 2004)
The Learning Pyramid*

*Adapted from National Training Laboratories. Bethel, Maine
Technology in Dynamic Classroom

- Animation Creation
- Video Creation
- Dynamic Presentation
Experimental Study

Using Animations to Learn Vocabulary (Kayaoglu, 2011) English preparatory class (Karadeniz Technical University, Turkey)

Paper-Based Group

Animation-Based Group
1. There is no statistically significant difference between the average scores of pre-tests applied to both groups.
2. There is no statistically significant difference between the average scores of pre-tests and post-tests applied to the group who employed paper-based text in a traditional way.
3. There is a statistically significant difference between the average scores of pre-tests and post-tests applied to this experiment group.
Students’ Reaction

Paper-Based Method
Students’ Reaction

Animation-Based Method
Informant 17

'It has positive impact on learning. Meanings of words are catchier for us since we can make inferences to understand the meanings of words.'
Students’ Reaction

Informant 17

'It has positive impact on learning. Meanings of words are catchier for us since we can make inferences to understand the meanings of words.'

Informant 12

'Both seeing and hearing make learning and remembering words easier. Also, we can infer the meaning from the visuals in the animation.'
Students’ Reaction

Informant 17

'It has positive impact on learning. Meanings of words are catchier for us since we can make inferences to understand the meanings of words.'

Informant 12

'Both seeing and hearing make learning and remembering words easier. Also, we can infer the meaning from the visuals in the animation.'

Informant 8

'We can comprehend a context full of unfamiliar words not just by reading but also seeing and hearing in easier way.'
Experimental Study: Conclusion

- Animation-based technique contributed to students vocabulary learning and increased students performance.
- The use of multimedia application contributed to a positive atmosphere and motivation of students.
Positive Aspects of Animations

1. Increases motivation
2. Lowers the anxiety level
3. Improves contextual comprehension
4. Helps in the retention of concepts
5. Different Learning Styles

(Devi, 2005; Butler-Pascoe and Wiburg, 2003)
Negative Aspects of Animations

1. Distracts the learner to watch the cartoon repeatedly
2. Affects the learning process for learners with difficulties in vision
Happiness

Hoogeveen (1995):
Students feel more fun from multimedia and learning becomes a happy process.
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Animation turns the education environment into: (Boswood 1997: 202)

**EDUCATION + ENTERTAINMENT**
Happiness

Hoogeveen (1995):
Students feel more fun from multimedia and learning becomes a happy process.

Animation turns the education environment into: (Boswood 1997: 202)

EDUTAINMENT
Introduction

- Cartoon Storymaker

- GoAnimate
  http://goanimate.com/

- PowToon
  http://www.powtoon.com/

- Toondoo Cartoons http://www.toondoo.com/
1. **Teachers** can make cartoon stories to model language and cultural conventions.

2. **Students** can make them as a stimulating and engaging way to practice their language skills.
Cartoon Story Maker
Cartoon Story Maker

- Built-in recorder
- Text bubble
- Imported audio file
Cartoon Story Maker

- Conversation or narrative
- Assessment task
- Pronunciation practice
- Collaborative task
GoAnimate

Assessing Classroom
Dynamic Classroom Animation
Video
Dynamic Presentation
Conclusion

GoAnimate

Make Amazing Animated Videos!

Use our Video Maker to create videos for free.
- Make a viral video.
- Create an animated lesson for your class.
- Make a demo video of your product, a promotional video for your business or a training video for your staff.

GoAnimate is the fastest, easiest way to make a video!

GET STARTED NOW!

Sign Up >

By clicking this button, you agree to GoAnimate's Terms of Use

Videos for Fun
Videos for Schools
Videos for Businesses
Step 1: Background
Step 2: Characters
Step 3: Motion
Step 3: Changes

It is easy to create an animation!
Add more objects
Step 4: Voice

- Text-to-speech voices
- Mic recording
- Audio importing
Step 5: Add Scenes

- Add transitions like fades, dissolves and more with 'Scene Settings'.
- Add scene, select background, add characters, voice, music...
Step 5: Preview and Save
Explaining New Concepts (Biology)

“The GoAnimate cartoon assisted in giving my students the content but added interest to the concept.”
“I created an avatar of myself talking to a cell. The cell experienced the different types of solutions (hypertonic, hypotonic, isotonic) solutions and reacted accordingly.”
(Jen Di Pasquale, Biology teacher)

Making Lab Experiments (Chemistry)

“I found GoAnimate as I was researching for online tech projects my students could work on. They became very enthusiastic...” (Silvia Duckworth, Canada)
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“Instead of the usual lack of motivation that we often see this time of year, students were into their textbooks and searching online to confirm facts. Over the total of four hours that we worked in the lab I never saw one student off task visiting other websites.” (Mythology class)
“I found GoAnimate as I was researching for online tech projects my students could work on. They became very enthusiastic...” (Silvia Duckworth, Canada)

“Instead of the usual lack of motivation that we often see this time of year, students were into their textbooks and searching online to confirm facts. Over the total of four hours that we worked in the lab I never saw one student off task visiting other websites.” (Mythology class)

“My students comment on how they really have to learn the material when putting it together in a cartoon and not only the science concepts, but they also have to think about how to express themselves...! ”

http://goanimate4schools.com/teaching-with-video
Video

- WeVideo (online)
- IMovie (Mac)
- MovieMaker (PC)
Interface

Menu bar

Toolbar

Movie Tasks pane

Collection bin

Storyboard View in the Work Space

Preview monitor
1. Storyboard View
2. Timeline View - (edit, switch, trim)
Educational Uses - Teacher

- Presenting new material
- Enhancing current lessons
- Facilitating cultural understanding
- Engaging students

http://digitalstorytelling.coe.uh.edu/
Educational Uses - Student

- Individual or group creation of a story
- Researching, analyzing, synthesizing and narrating skills
- Sharing their work with their peers

http://digitalstorytelling.coe.uh.edu/
Helpful Free Tools for Audio and Video Extraction

1. Add-in Pxl Grabber (Screenshots)
2. Grab (Mac) and Snipping Tool (PC) (screenshots)
3. Add-in Download Helper (download and convert videos)
4. QuickTime Player (recording streaming video or audio)
5. Camstudio (recording streaming video and audio)
6. Audacity (recoding streaming audio, audio editing)
7. Audio-Video file converter - www.convertfiles.com
8. iMovie (Mac) or MovieMaker (PC) (editing video)
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<td>(animated) GIF</td>
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<td>Synchronized Multimedia Integration Language (Adobe?) Macromedia Flash</td>
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From: Grahn Alexander. 2009. The movie15 Package
Writing Storyboard Script

Details:
- TEXT BUBBLES
- VOICE RECORDINGS
- Captions

Characters:

What is the background image?

Other images to save and import:

Script/description:

Visuals

Frame number: _____
Prezi

- Can be used as an alternative to traditional slides
- Allows to zoom and emphasize the ideas
- Support the use of text, images, audio, and videos
- Provide a collection of templates

http://oregonstate.edu/tac/prezi
http://prezi.com/zufhi1tfifki/
copy-of-thoughts-on-using-prezi-as-a-teaching-tool/

http://oregonstate.edu/tac/how-to-use/prezi/learning-methods-for-prezi
Which Is the Right Tool to Choose? (Catherine Black, 2010)

1. Find ways to use the best
2. Ignore the worst
3. Strive to create a meaningful and dynamic learning environment
Discussion

<table>
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<th>Pros</th>
<th>Cons</th>
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</thead>
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Special Thanks

Silvia Duckworth, Canada

Animated cartoons from goAnimate community

FRIT resources

Images:
http://www.proconlists.com/images/list/111/original/making-pro-con-lists.jpg
http://www.hazelwood.k12.mo.us/SchoolsAndPrograms/
http://media.tumblr.com/
http://forums-cdn.appleinsider.com/