

Multimedia in the Classroom



Using Web 2.0 Tools
in the
21st Century Classroom

Essential Questions

- What are web 2.0 / multimedia tools?
- Why are these tools being used in 21st century classrooms and how do they allow students and teachers the ability to create, collaborate and share with a global audience?

Web 2.0 / Multimedia Tools

- According to [wikipedia](#), “Web 2.0 is a loosely defined intersection of web application features that facilitate participatory information sharing, interoperability, user-centered design,[1] and collaboration on the World Wide Web. A Web 2.0 site allows users to interact and collaborate with each other in a social media dialogue as creators (prosumers) of user-generated content in a virtual community, in contrast to websites where users (consumers) are limited to the passive viewing of content that was created for them.”

Web 2.0 / Multimedia Tools

- By definition, “Multimedia is media and content that uses a combination of different content forms. The term can be used as a noun (a medium with multiple content forms) or as an adjective describing a medium as having multiple content forms. The term is used in contrast to media which use only rudimentary computer display such as text-only, or traditional forms of printed or hand-produced material. Multimedia includes a combination of text, audio, still images, animation, video, or interactivity content forms.” ([wikipedia](#))

Web 2.0 / Multimedia Tools

Web 2.0 Tools

- Blogs
- Wikis
- Twitter
- Facebook
- Google Docs
- Others...

Multimedia Tools

- Podcasts
- Screencasts
- Khan Academy
- Streaming Video
- Movie Editing
- Photo Editing / Photo Sites
- Others...

Web 2.0

- In its first iteration, the Internet for the average person was one directional. One would go to the Internet to seek and find information for personal use. This was similar to television and newsprint in some regard as the information was one directional.
- Web 2.0 allows the average Internet user to still seek and find information, but also allows them to be a producer of information or knowledge as well. This environment allows the user the ability to create, collaborate and share with a global audience.
- Web 2.0 tools can be in a variety of formats including text, graphics, video, audio and streaming content
- Web 2.0 engages and connects users in a way that has never been seen before in history.
- Everyone can essentially be a content creator.

How are they being used in the classroom?

- Access to online content and global communication can transform a classroom of the 21st century.
- The way in which teachers and students can interact in a web 2.0 environment is very different from every generation before it.
- The way in which students can learn and gather information as well as demonstrate their understanding is far different than any student before them.
- The skills that students need to be able to decipher and make meaning of all the information they have at their disposal is a necessary but often left untaught.

How are they being used in the classroom?

Task:

Read chapters 1-4 in our Richardson text. After reading, go to our class wiki and begin to collaborate with one another on how blogs and wikis are being utilized in education today. In addition, add ways in which you could see these tools being used in a classroom.