

**Title:** Web 2.0 for You and Your Students

**Author:** Keri Duncan

### **Lesson overview**

Web 2.0 tools are prevalent in all levels of education and useful from the earliest of learners to the most veteran of teachers. These tools have allowed distance education to become much more interactive between instructors and students in a more timely fashion. In this lesson the students, who are also teachers, will learn what Web 2.0 tools are and how to use various rubrics to evaluate them for their various uses. The Quality Plus Teaching Strategies (QPTS) resource guide will be introduced to the students with an explanation of the various categories and how to make use of this resource. After this mini-lesson, the teachers will then be given time to explore the website independently or with teammates to find and evaluate at least three resources they could use with their students.

### **Audience**

K-5 teachers at Lilburn Elementary School in Gwinnett County Public Schools (GCPS) are the audience. These teachers were chosen because they all are expected to use their eClass course pages which are web-based class pages for their students. These pages are supplemental to their face-to-face teaching of their students. GCPS not only provides the Desire2Learn platform of eClass for all certified teachers in the county, but also provides a wonderful resource called the Quality Plus Teaching Strategies, which is an ever evolving repository of Web 2.0 tools that are categorized into 14 topics. This resource is expected to be used by teachers to enhance their interaction with their students through their course pages and other classroom interactions; however the teachers rarely have the time to review these resources to see which ones they can actually use. After the teachers complete this brief lesson they will have some new resources to use with their course pages.

### **Objectives**

The teachers will be able to

- Define what Web 2.0 tools are.
- Gain an understanding of the Quality Plus Teaching Strategies website and the numerous web 2.0 tools available.

### **Technology Tool**

A list/description of the media and technologies (note: PowerPoint is not an appropriate technology for this lesson) you propose to include in the lesson and your rationale for selecting them.)

<b>Topic</b>	<b>Instructional Activity</b>	<b>Media Type/ Technology &amp; rationale</b>	<b>Timeline</b>	<b>Assessment Type/Plan</b>
Pre Assessment	Gain an understanding of what prior knowledge teachers have of what Web 2.0 tools are and how to evaluate and use them.	Survey with text The survey is used to give the teachers a voice to the instructor of what they already know. It also allows the instructor to understand the students and how to possibly direct the students to more basic or more advanced information according to their	<b>2 min</b>	Pre-assessment

		<p>knowledge. Text is being used to ask the relevant questions about web 2.0 tools because these are teachers and can read easily. Some graphics with possible website logos may be incorporated to get their attention visually.</p>		
<p>Web 2.0 Overview</p>	<p>Introduction of Web 2.0 tools.  Define Web 2.0 tools. Show examples of tools and categories of how these tools can be classified. In addition to a variety of Web 2.0 tools on the site mentioned earlier (QPTS), Google docs and Google Apps for Education (GAFE) will be shown and modeled since the school also has a GAFE account. A document with the categories of the tools on the QPTS site will be available for the teachers to add comments to if chosen.</p>	<p>Video  This will be a short video I create defining Web 2.0 tools that will be embedded in the webpage. I will explain types of web 2.0 tools and how they can be used in different ways with students and for students. I am choosing the media of video to incorporate the visual of the graphics of the actual tools as well as the audio of a voice over to explain the information.</p>	<p><b>4 min</b></p>	<p>NA</p>
<p>Web 2.0 evaluation</p>	<p>Identifying ways to evaluate web 2.0 tools. Examples of rubrics will be shown and the categories of things to look for when instructors are choosing Web 2.0 tools.</p>	<p>Video with supplemental materials via document links for rubrics will be used. Supplemental materials will have text and graphics. The video will allow the rubrics to be discussed about the importance of the features of the tool as well as show the tools themselves as they are being evaluated. The document links will allow the teachers to have actual rubrics to use for evaluating at a later time. I choose video to have the visual pictures as well as voice to explain the rubrics instead of just having the student read the information. More senses are</p>	<p><b>3 min</b></p>	<p>NA</p>

		engaged in the video, reading words, seeing visuals and listening to spoken words.		
Web 2.0 exploration	During this time the <a href="#">Quality Plus Teaching Strategies website</a> will be introduced via screencast.	Video: This will be a screencast video exploring and explaining the various categories of the QPTS website. This type of video is chosen to allow the teachers to follow along the navigation of the website instead of just seeing screenshots. Web links of text and images. The web link will allow the teachers to see the actual Quality Plus Teaching Strategies website since they will be given time after the mini lesson to explore the site and find resources.	<b>5 min</b>	
Closing	Evaluation Plan. See specific information below	Web based survey of text with graphics will be used. Video isn't needed because the teachers aren't learning new information, rather they are giving information.	1 min	Evaluation

### Evaluation Plan

At the end of the lesson, the students will complete an online **evaluation survey** of the lesson. Students will be asked questions on a scale of 1 to 5 with 1 being strongly disagree and 5 being strongly agree.

- I have a clear understanding of Web 2.0 tools.
- I understand how to use a rubric to effectively evaluate Web 2.0 tools for their use in my classroom.
- I have gained knowledge of new Web 2.0 tools that are available.
- I feel comfortable using the Quality Plus Teaching Strategies website for selecting Web 2.0 tools.
- I feel the lesson was well organized and assisted in my understanding of Web 2.0 in general and the Quality Plus Teaching Strategies website more specifically

Short answer:

If there was one thing to improve the lesson it would be:

The best part of the lesson was: