

Web Lesson 1

1 GETTING STARTED

- Web Terminology
- Create a Weebly Account
- View Beginner's Guide to Weebly

INTRODUCTION

For the 1st Quarter, we will be creating an introductory webpage. We will be using Weebly - a free web building package for beginners - to create this webpage. If you have more experience, and prefer to use an alternative web building package, that is fine. However, please realize that your instructors and the bulk of the class will be using Weebly. In this unit, we will cover the basics of webpage development. Later in the semester (4th quarter), you will use these same fundamentals in creating a larger webpage that contains a detailed lesson plan to be used as a resource for other teachers. For this lesson, we will learn basic web terminology, create a Weebly account and will learn basic webpage design with Weebly. Let's get started!

ACTIVITY 1

There are some basic webpage terms that we will use frequently. It is important that you are familiar with these terms.

Browser: a program that accesses and displays files and other data available on the Internet and other networks.

URL: (Uniform Resource File). A way of describing the location of an item (webpage, documents, service, resource etc.) on the Internet and also specifying the means by which to access the item.

Icon: a graphic symbol (usually a simple picture) that denotes a program, command, data file or a concept and a graphical user interface.

Font: a complete set of type (size and face or style).

Hyperlink or link: a word, phrase, image etc. that is highlighted and/or colored differently and that can be selected as part of a webpage. This link can serve to transfer the user to another page, picture etc.

Upload: to transfer a file from the computer system being used to another computer system.

Download: to transfer or copy a file from another computer to the one you are using.

HTML: (Hypertext Markup Language). The format used for writing documents to be viewed with a Web browser. Items in the document can be text, images etc., or links to other HTML documents, sites, services and resources on the Web.

FTP: (File Transfer Protocol). A means of transferring or sharing files across the Internet from one source computer to another.

Interface: A surface or cover that takes the place of web page coding.

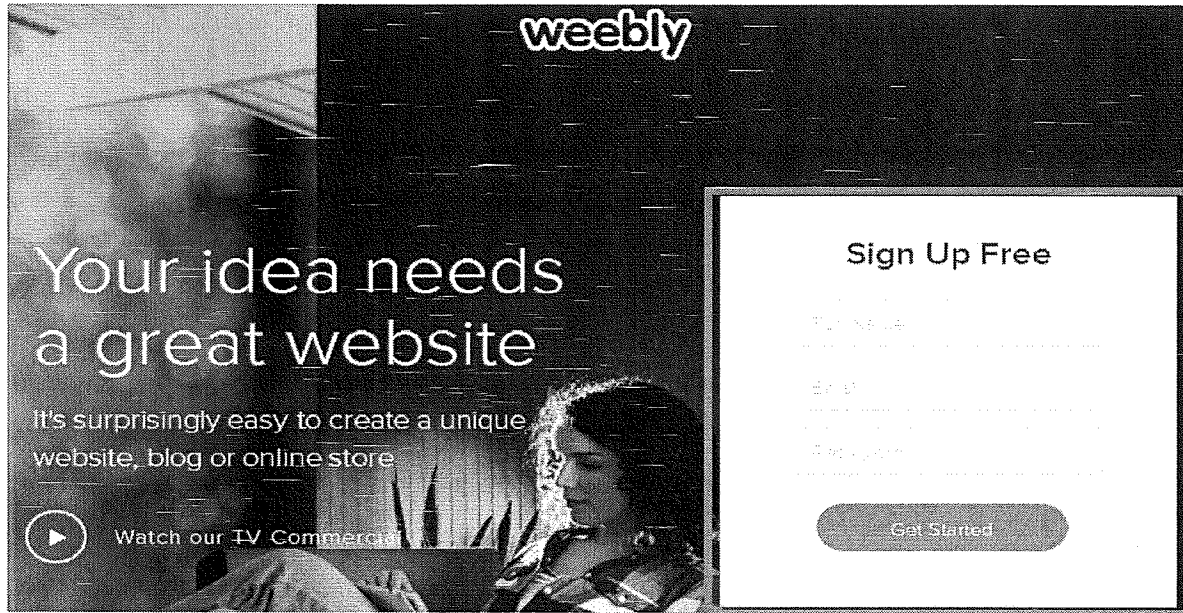
Drop Down Menu: A menu that appears when one clicks the arrow to the right of that menu.

Animation: an image that is in motion (example: a radar or satellite loop)

Bookmark: many web browsers have the capability of saving a page in its memory. While viewing a webpage, someone may choose to "Bookmark" a page which will store that page in a particular file. Bookmarking a page allows a user to quickly return to that particular page in the future.

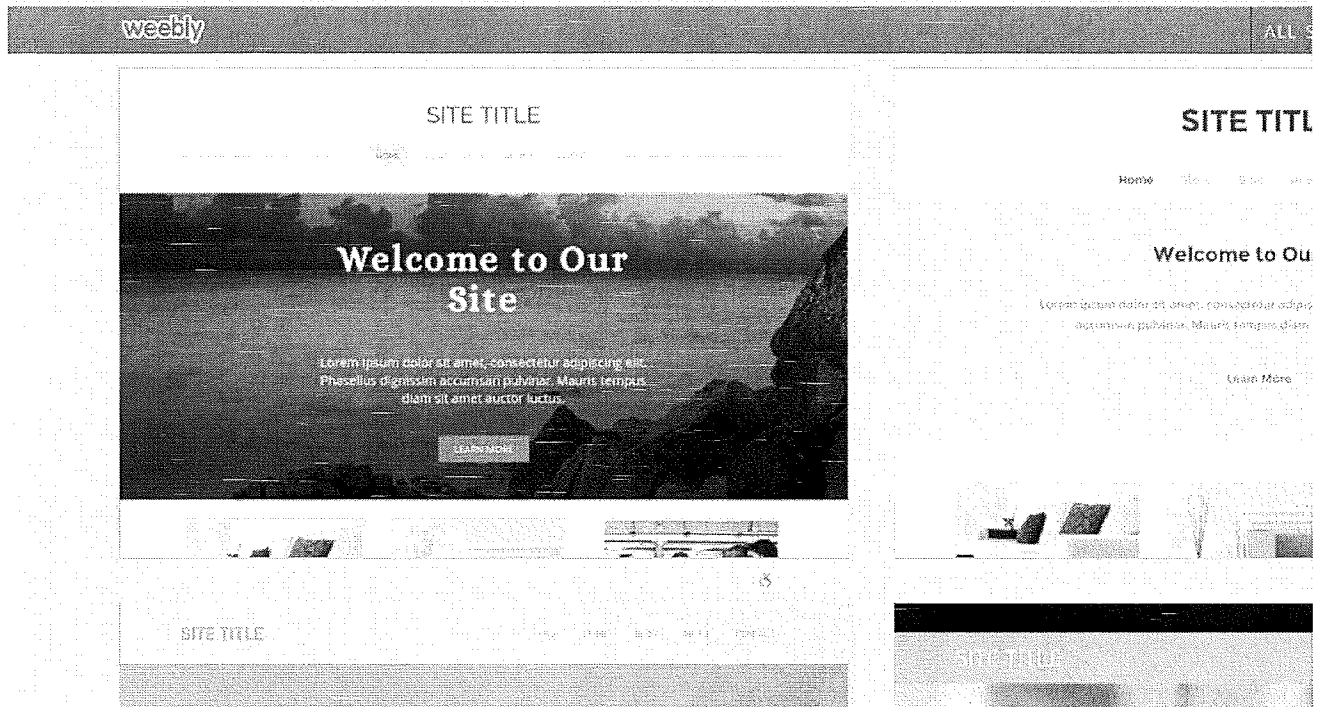
ACTIVITY 2

Visit the Weebly website at: <http://www.weebly.com/> You should see a box to sign up (as seen below). Add your name, email and a password to get started.

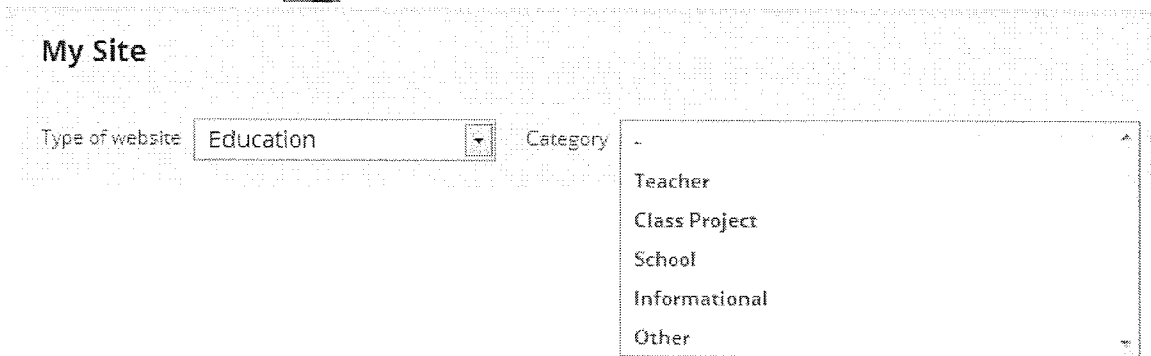
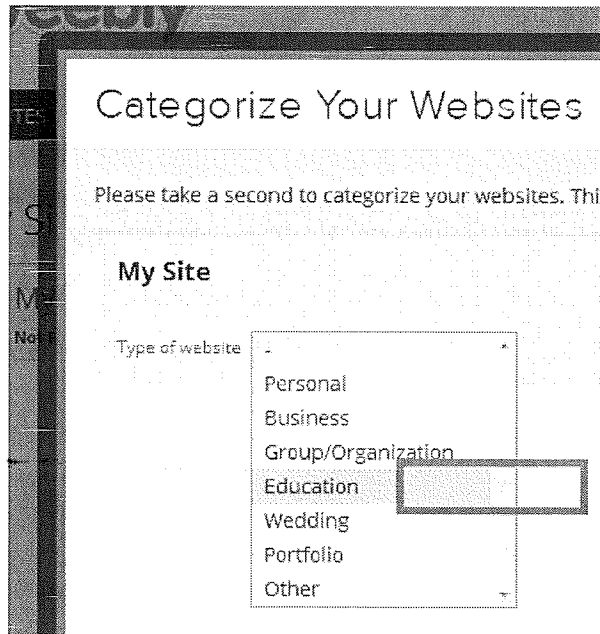


- You will be prompted to select a plan. Choose “Free”. One of the best attributes of Weebly is that it is free and your website can be in place for a long time. The Free version does limit you to 5 pages but you can control the number of elements to add to each page.
- Next, you will be asked to choose between the focus of your website. Choose “Site”.
- Now you will be asked to choose a background theme for your webpage. Weebly has many different backgrounds. One of the advantages of this web development package is that you can change the background colors and themes at any time in the design process. This is important because we will talk about the advantages or limitations of background and text in Lesson 2. You will need to apply these rules or specifications when building your webpage.
- Note that you can peruse your background theme by style or color as highlighted below. Simply click the downward facing arrows to open the drop down menus to choose a background style or color.





- I chose from the styles labeled “Simple” from the style menu. To see the styles available, click on the downward facing arrow to open the drop down menu. Choose a background template by clicking the ‘Choose’ button in the bottom right of the template you select. You will need to hover over that style to get the “Choose” button to appear.
- After you choose your style, you may be asked the purpose of your website. Since this is a website being built for class, you may choose the option for “Education”. Then click choose either “Teacher” or “Class project”. Then, at the bottom of the page click the button that says “Submit”.



Next, you will be asked to choose your web domain. The domain is the web host that you will be using to post your website. We will use Weebly so choose the 1st option: "Use a Subdomain of Weebly" and type in an address that contains your NetID. Something like: <http://researchprojectwhc56.weebly.com>. Then, click "Continue". Specifically what address you choose is not important because you will each post your own web addresses when your project is complete.

Choose Your Website Domain

This is the address where people will find your website online. Reserve your domain now or skip this step and choose it later.

Use a Subdomain of Weebly.com
A great way to get your website started
http:// .weebly.com

Register a New Domain
For a more professional online presence
http://www. .com

Connect a Domain You Already Own
We'll help you connect your domain when you're ready to publish
http://



Next, you will be brought to a new page that has an introductory video. View this brief (3-5 min.) video and then below it, choose the option to "Build my site". Close out the next page.

Let's learn more about Weebly before we proceed. One of the best features of this web design package is that it has many help functions in the form of videos, help phone and email links.

Click on the link below and view the introductory video called "Beginner's Guide: First Steps".

<http://hc.weebly.com/hc/en-us/articles/201696307-Beginner-s-Guide-First-Steps>

NOTE: if you are familiar with another Web development program, you are welcome to use that for these assignments. Please bear in mind that your website must fulfill all requirements for the assignments regardless of what software you choose. Additionally, please be aware that the instructor may not be able to assist you as well if you are using a different web design package.

This is the end of Lesson 1.