

**NOTE: This is a computer lab lesson. Please make sure you have signed up for the computer lab in advance.**

TITLE OF LESSON

English 1 Unit 2 Lesson 21 – Seeing Things: Use Of The <IMG> Tag

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TIME ESTIMATE FOR THIS LESSON

30 to 40 minutes

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ALIGNMENT WITH STANDARDS

Preparation for California – Eng 9-10: W1.8

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MATERIALS

Computer  
Text Editing Program (a simple one)  
Web Browser  
Internet Connection  
Previous HTML pages created by students

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LESSON OBJECTIVES

- Use of the <IMG> tag
  - Debugging of HTML code
  - Maintenance of continuity between work sessions
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FOCUS AND MOTIVATE STUDENTS – WARM-UP ACTIVITY

- 1) Homework Check – Stamp/initial complete homework assignments. Pass back graded assignments and have students place them in the appropriate section of their folders. If you have graded their autobiographical incidents, wait until the Lesson 15 to pass them back.
  - 2) [Agenda/Daily Log](#) – Have students copy the agenda you have written on the front board.
  - 3) Computer Protocol – If you are in the computer lab today, remind students of the computer lab etiquette you have established for your classes and the consequences for any misbehavior.
  - 4) Review with students their activity from the previous HTML lesson.
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ACTIVITIES – INDIVIDUAL AND GROUP

1. Seeing Things – Tell students the following:

The <IMG> tag does not have a closing version. It is a tag with attributes only. The <IMG> tag tells a web browser that it is time to display a picture. You will notice that you don't put the picture itself into the HTML document, only *references* to pictures. The <IMG> tag tells the web browser exactly where to look in order to display an image. Look at the following example.

```
<IMG SRC="picutre1.jpg" HEIGHT=200 WIDTH=400 HSPACE=5 VSPACE=5 ALT="picture one goes here">
```

Let's dissect this tag from left to right.

**IMG** lets the browser know that it is looking at an <IMG> tag.

**SRC** is an abbreviation for the word "source" which refers to the exact location on the internet that the image is coming from.

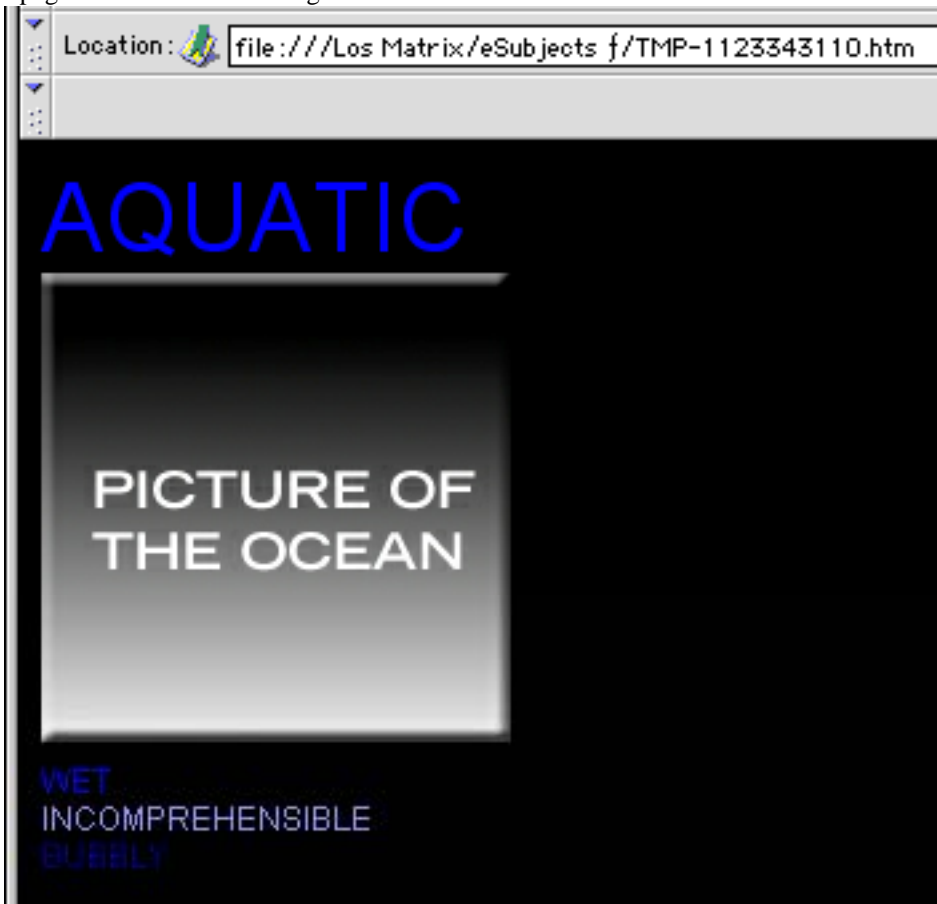
**HEIGHT** and **WIDTH** each refer to the size of the image in pixels. You can use these attributes to change the size of an image by changing the values in these attributes.

**HSPACE** and **VSPACE** tell the browser how many pixels of "padding" there should be between the edge of the image and anything else on the page. *Using HSPACE and VSPACE can make pages look neater since text is not crammed up against the edge of the image.*

**ALT** is a special tag that you can use to put text in the place of an image in the event that the user has a slow connection or has turned off the ability of their browser to display images.

An important thing to keep in mind is that you need not use *all* of the <IMG> tag attributes. The bare minimum however is the SRC attribute.

- Individual Work – Open up fontimg.html. You should add <IMG> tags to this document such that the images that you sampled from the web in Lesson 1 show up in an appropriate area for each of your topics. Your web page should look something like this:



Don't forget to save your new web page.

- Finally, have students get started on their homework below. They may well be able to finish it in class.
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#### HOMEWORK

**NOTE:** Post each of the steps below on the front board. then ask students to answer the questions on a separate sheet of paper.

- Consider the following HTML:

```
<IMG SRC="http://www.jackalvision.com/bands/holyness.jpg" HEIGHT=200 WIDTH=300>
```

Is the image referred by this <IMG> tag *local* or is it *remote*? Why?

*Answer:* Assuming that the HTML document that this comes from is not on the jackalvision server, **holyness.jpg** is remote, because the full URL is specified.

2. What is wrong with the following HTML?

```
<FON FACE="Arial">Jee Willikerz, Wolf Boy!</FONT>
```

*Answer:* The ‘T’ is missing in the FONT tag.

3. Will the following HTML be easy to read if viewed in a browser? Sketch out what it will look like, using squares for the images.

What you need to do is<IMG SRC="firstthing.jpg">

a) jump<IMG SRC="jump.jpg">then

b) swim<IMG SRC="swim.jpg" VSPACE=300>and

c) <IMG SRC="desperate.jpg">make your way to shore as quickly as possible.

*Answer:* no, because there are no <BR> tags to separate the content. Plus, there is a quotation mark missing in the last <IMG> tag for **desperate.jpg**.

4. Clean up the HTML in question 3.

*Answer:*

There are many ways to fix this HTML. First of all, the missing quotation mark in the <IMG> tag for **desperate.jpg** should be added. Also, students should be aware of the difference between cleaning up HTML for viewing in a browser and cleaning up HTML for editing. Note the difference between using a <BR> tag to clean up the presentation in the browser and regular carriage returns to clean up the presentation in the text editor.

What you need to do is<BR>

```
<IMG SRC="firstthing.jpg"><BR>
```

you need to do is a) jump<IMG SRC="jump.jpg"><BR>

then <BR>

b) swim

```
<IMG SRC="swim.jpg" VSPACE=300><BR>
```

and c)

```
<IMG SRC="desperate.jpg">make your way to shore as quickly as possible.
```

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#### GROUP ROLES

Students can work in groups of two at the most but would benefit tremendously from working alone. In the group situation, students should be encouraged to share the development process instead of letting one student “drive” all the time.

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#### DOCUMENTATION FOR PORTFOLIO

##### Unit 1

Final Exam Unit 1

Hero Myth

Trickster Myth

Monster Myth

Creation Myth

##### Unit 2

Autobiographical Incident 1

Autobiographical Incident 2

Autobiographical Incident 3