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| **UNIT 3** |  |  |

# Lesson Days 6-7: HTML Images

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| Overview *Explore image editing for the web using an online image editor and insert an image into an HTML page.* Lesson Summary  * *Discussion of Web Image formats.*   + *Jpg, gif, png*   + *Importance of image resolution with a reminder of the website evaluation that we did in Unit 1.*   + *Website accessibility* * *Introduce Pixlr.com to the students as an online image editor.*   + *Demonstrate how to crop images with a reminder of cropping images that we did in Unit 1--Virtual Bead Loom.*   + *Have students to save images and open them in Pixlr.com.*   + *Have students to crop the images and re-save the images using an appropriate image format.* * *Introduce the HTML tag to insert an image into their HTML pages.*   + *<img src=”URL or Filename”/>*   + *Demonstrate the correct syntax for adding text that describes the image alt=”xxx”.*   + *Demonstrate the correct syntax for changing the height and width of the image. height=”xxx” width=”xxx”.*   + *Instruct students that the image should be saved in the same location as their html file.*   + *Give students “Image Editing for the Web Using Pixlr” handout* * *Give students time to experiment with image editing as well as inserting images into their html files.*   + *Encourage students to investigate how to further edit and change their images in their html files.* * *If time allows, have students begin to create a new web page using all of the tags we have learned so far.*  CS Content *Provide a brief overview the CS content covered in this lesson.*  Problem solving  Using correct syntax  Patterns |  |  | Objectives **Students will be able to:**   * Identify/compare image formats * Identify standard resolution for web images (72 dpi) * Open an Online Photo Editor * Crop images * Insert images into an HTML page  Materials and Prep  * Make sure photo editor can be accessed. * Update tag list to include image tag  Resources **Student Documents**   * Updated tag sheet * HTML files * Image Editing Handout   **Code Studio**  **Video**   * https://www.youtube.com/watch?v=Qerz5CQa2A8   **Assessments**   * Gallery Walk * Turn in printed copy of HTML file  Notes  |  | | --- | |  | |  | |  | |