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| **UNIT 3** |  |  |

# Lesson 3-4: Basic HTML

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| Overview *Students will receive an introduction to the use of basic html. Students will gain insight regarding the acronym and they will be introduced to the role of an html editor.* Lesson Summary  * *Have students research the concept/function of a storyboard.* * *Have students create a storyboard that contains a topic and 3 subtopics. As students are working, provide a sample storyboard for students to see.* * *Brief class discussion of what the html acronym stands for, what html is used for.* * *In order, discuss the initial tags (and their roles) needed to begin an html document.* * *Have students use the frayer model to define html.* * *Demo using selected html editor*   + *Place emphasis on the role of beginning/ending tags and on saving the html document.* * *Have students preview the html tutorial*   + [*http://www.w3schools.com/html*](http://www.w3schools.com/html) * *Using the content from their storyboard and what they’ve learned from the html tutorial, have students create a webpage that incorporates the following tags:*    + *title and body (topic and 3 subtopic paragraphs)*   + *headings, line breaks and horizontal lines*   + *strong and emphasis.* * *Come back together as a class to review the incorporation of assigned tags.* * *Gallery walk to view created websites*  CS Content *Students will use problem-solving skills to convert their storyboards to an html document.* |  |  | Objectives **Students will be able to:**   * Create a web page based on a storyboard * Navigate an html editor * Create an html page with a title and a body * Create an html page with paragraph tags, headings, line breaks, horizontal lines, strong and emphasis tags  Materials and Prep  * Sample storyboard * Copy paper  Resources **Student Documents**   * Frayer model template * Student generated storyboard   **Code Studio**  **Video**  **Assessments**   * Completed webpage  Notes As an extended activity, I   |  | | --- | | would have students | | generate a list of | | features they’d like to learn. | |