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**Coal City Unit District #1**  
**Concepts of Web Design**  
**CTE Curriculum**

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**CTE.WD:1 Students will demonstrate knowledge of basic web site building terminology.**  
**(NETS 6)**

CTE.WD:1-1 Label the different parts of the web design workspace.

CTE.WD:1-2 Define hyperlink.

CTE.WD:1-3 Identify the categories of the Insert bar.

CTE.WD:1-4 Identify the purpose of the property inspector.

**CTE.WD:2 Students will demonstrate how to build an industry standard web site.**  
**(NETS 1, 5)**

CTE.WD:2-1 Define a new web site.

CTE.WD:2-2 Create a new web page and set its document properties.

CTE.WD:2-3 Create, modify and format text.

CTE.WD:2-4 Use heading styles and lists.

CTE.WD:2-5 Create a new style sheet.

CTE.WD:2-6 Edit an image from within the web building software.

CTE.WD:2-7 Apply color appropriately.

CTE.WD:2-8 Demonstrate how to have page load appropriately on web browser(s).

**CTE.WD:3 Students will demonstrate how to add and modify text on a web site.**  
**(NBES 9)**

CTE.WD:3-1 Add substantial content to a web page.

CTE.WD:3-2 Identify how to create unordered and ordered lists.

CTE.WD:3-3 Apply special characters and other page elements.

CTE.WD:3-4 Use cascading style sheets.

**CTE.WD:4 Students will demonstrate how to work with images using the web editing software.**  
**(NETS 6)**

CTE.WD:4-1 Add graphics to a web page.

CTE.WD:4-2 Use alternative text for images.

CTE.WD:4-3 Crop and optimize images.

CTE.WD:4-4 Create consistent site navigation throughout the site.

CTE.WD:4-5 Arrange an image on a web page.

CTE.WD:4-6 Define and use jpg, gif, tiff, and png appropriately.

CTE.WD:4-7 Follow the rules of copyright.

CTE.WD:4-8 Follow the AUP of the district.

- CTE.WD:5 Students will demonstrate how to work with links using web editing software. (NETS 6)**
- CTE.WD:5-1 Create a hyperlink to another page in your site.
  - CTE.WD:5-2 Create a hyperlink to open content in a new browser window.
  - CTE.WD:5-3 Create a hyperlink to a named anchor.
  - CTE.WD:5-4 Create a hyperlink for an email address.
- CTE.WD:6 Students will demonstrate knowledge of basic web graphics terminology and operations. (NETS 6)**
- CTE.WD:6-1 Define web graphics software.
  - CTE.WD:6-2 Demonstrate how to start and create a document in a web graphics program.
  - CTE.WD:6-3 Import an image into a web graphics software package.
  - CTE.WD:6-4 Create and modify objects in a web graphics software package.
  - CTE.WD:6-5 Organize objects in a web graphics software package.
  - CTE.WD:6-6 Demonstrate how to add and edit text in a web graphics software package.
- CTE.WD:7 Students will demonstrate how to enhance documents using web graphics software. (NETS 6)**
- CTE.WD:7-1 Optimize a graphic image.
  - CTE.WD:7-2 Create and edit a hotspot.
  - CTE.WD:7-3 Create a button, and apply an effect.
  - CTE.WD:7-4 Export a graphic image.
  - CTE.WD:7-5 Create and customize an animation.
- CTE.WD:8 Students will demonstrate the ability to create a web page utilizing web editing software. (NETS 1, 5)**
- CTE.WD:8-1 Create names and titles for pages on the web site.
  - CTE.WD:8-2 Apply screen colors and themes to the web site.
  - CTE.WD:8-3 Create buttons and navigation tools for the user.
  - CTE.WD:8-4 Demonstrate how to apply animation and graphics.
  - CTE.WD:8-5 Present the web site in a creative and original way.
  - CTE.WD:8-6 Use correct spelling and punctuation.
- CTE.WD:9 Students will demonstrate the use of html code within the web design industry. (NETS 6)**
- CTE.WD:9-1 Create a web page using basic html tags.
  - CTE.WD:9-2 Identify how to import and modify hyperlinks and images within a web page using html.
  - CTE.WD:9-3 Identify how to create and modify tables within a web page using html.
  - CTE.WD:9-4 Use attributes within a html tag.
  - CTE.WD:9-5 Utilize frames to create a website using html.
  - CTE.WD:9-6 Create buttons and navigation tools using html and/or javascript.