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| Date | Assignment |
| Day 1 | Learning Target:  Classroom Management, Syllabus, Standards, File Management, and Resources. Students will need to utilize the privilege of email for the entire course or they will only be able to receive 75% credit for utilization of any other medium.  Additionally, late files receive 50% credit.  Files with the wrong name, misspelling, or the failure to use the subject line receive no credit until resubmitted (unless received late).  There is no extra credit.  Students have all the resources necessary for excellence without any internet at home.   1. Make Windows Media Player your DEFAULT view instead of VLC 2. UnHide all Extensions for Known File Types.   Two items are highly recommend:  1) Students should utilize this webpage to copy and paste the file names before forwarding.  2) There is no order to these tutorials so if a student falls behind, complete the assignments for that given day, and then go back some other time to complete late files. |
|  | Learning Target:  Students will become familiar with text editors such as Window Note Pad, Windows HTML Kit, Windows Visual Developer Express, Share Point Design and Dreamweaver.  Students will also learn the basic code structure of a web page and create one.  Students will Create a root folder called **WebProgramming** with subfolders called **HTML**, **XHTML**, **DHTML**, and **TextTutorials**.  Students will build their portfolio by placing their assignments in the appropriate subfolder.  Students will also need to download the student data files (for both the text and the online course) necessary to complete the course.  Our first site reference will take place with the VirtualTrainingCenter.  Upon completing each of the tutorials below, http://jl132.k12.sd.us/Includ2.gifstudents will either take notes to be filed as a Word Documents or enter actual code in a text editor to be saved Web Page (.htm) document.  The tutorial itself will dictate whether or not an editor is required.  The files will be named in a three digit number order followed by Vtc then the name of the tutorial and finally your last name.  An Example Name of the first file for this course is **001VtcWhatIsHtmlLiesinger.**    File Management:  MyDocuments > WebProgramming > HTML |
|  | HTML  ***VTC Introduction to HTML4-5WithCSS*** Learning Target:  What is HTML?, About this Course, Tools Needed to Code HTML, Services Needed to Publish HTML, Versions of HTML, HTML 5, Creating Your First Page  Assignments due:  001VtcWhatIsHtmlLname, 002VtcAboutThisCourseLname, 003VtcToolsNeededToCodeHtmlLname, 004VtcServicesNeededToPublishHtmlLname, 005VtcVersionsOfHtmlLname, 006VtcHtml5Lname, and 007VtcCreatingYourFirstPageLname. |
|  | Learning Target:  Students will learn about coding for Elements, Attributes, IDs, Classes, Text, Comments, URLs, and Headings.  ***HTML Building Blocks*** Assignments Due:  008VtcHtmlElementsLname, 009VtcHtmlAttributesLname, 010VtcIDs&ClassesLname, 011VtcText&CommentsLname, and 012VtcURLsLname  ***HTML Structure*** Assignments Due:  013VtcDocumentTypeLname and                  014VtcHeadElementsTitlesLname |
|  | Learning Target:  Students will learn about coding for Headings, Aligning Elements, Paragraphs, Section Headings, List elements, and Divisions.  ***HTML Structure (cont.)*** Assignments Due:  015VtcHeadElementsMetaElementsLname, 016VtcHeadElementsScript&StyleTagsLname, 017VtcBlock&InlineElementsLname, 018VtcParagraphsLname, 019VtcSectionHeadingsLname, 020VtcListElementsLname, and 021VtcDivisionsLname |
|  | Learning Target:  Students will learn about coding for Inline Spans, Tables, Forms, Line Breaks, Bold, Italic, Superscript, Subscript, and Preformatted Text.  ***HTML Structure (cont.)***  Assignments Due:  022VtcInlineSpansLname, 023VtcTablesLname, and 024VtcFormsLname  ***Basic Formatting*** 025VtcParagraphVsLineBreaksLname, 026VtcBold&ItalicLname, 027VtcSuper&SubScriptLname, and 028VtcPreformattedTextLname. |
|  | Learning Target:  Students will learn about rules & block-quotes, abbreviations & acronyms, cascading style sheet properties, Color on the Web, Color Schemes, creating colors & naming colors, and image resolution.  ***Basic Formatting*** 029VtcRules&BlockquotesLname(\***Note**:  After opening the *Rules and Block Quote*s video, you have to slide the "player-timebar" at the bottom just a touch forward in order for it to play), 030VTCAbbreviations&AcronymsLname, 031VtcCSSTextPropertiesLname  ***Color & Images*** 032VtcColorOnTheWebLname, 033VtcColorSchemesLname, 034VtcCreating&NamingLname, 035VtcImageResolutionLname |
|  | Learning Target:  Students will learn about Image File Formates, Image Load Faster, Background Images & Color, Image Maps, the IMG Tag, and IMG Tag Attributes.  ***Color & Images*** 036VtcImageFileFormatsLname, 037VtcImagesLoadFasterLname, 038VtcBackgroundImages&ColorLname, 039VtcImageMapsLname, 040VtcTheIMGTagLname, 041VtcIMGTagAttributesLname |
|  | Learning Target:  Students will learn about The Anchor Element, Absolute Vs. Relative Links, Writing Relative Links, File Structure & Linking Tips, HREF & Target Attributes, Internal Links & The Name Attribute, and Changing Link Colors.  ***Links*** 042VtcTheAnchorElementLname, 043VtcAbsoluteVsRelativeLinksLname, 044VtcWritingRelativeLinksLname, 045VtcFileStructure&LinkingTipsLname, 046VtcHREF&TargetAttributesLname, 047VtcInternalLinks&TheNameAttributeLname, and 048VtcChangingLinkColorsLname. |
|  | Learning Target:  Students will learn about  ***Tables*** 049VtcTablesVsDivTagsLname, 050VtcSettingTableWidthsLname, 051VtcCellPadding&SpacingLname, 052VtcPositioningTables&ContentsLname, 053VtcTableHeadersLname, 054VtcSpanningColumns&RowsLname, and 055VtcNestingTablesLname. |
|  | Learning Target:  Students will learn about  ***Forms*** 056VtcIntroToFormsLname, 057VtcInputFieldsLname, 058VtcRadioButtonsLname, 059VtcCheckboxesLname, and  060VtcDropdown&SelectionListsLname, |
|  | Learning Target:  Students will learn about  ***Forms (cont.)*** 061VtcLargeTextInputLname, 062VtcFile&HiddenFieldsLname, 063VtcSubmit&ResetButtonsLname, 064VtcImage&GeneralButtonsLname, 065VtcMakingFormsEasierToUseLname,  and  066VtcOrganizingFormsUsingFieldsetLname |
|  | Learning Target:  Students will learn about  ***Forms (cont.)*** 067VtcTipsForFormattingFormsLname, and 068VtcProcesingFormDataLname.  Learning Target:  Students will learn about  ***Style Sheets*** 069VtcWhatIsCSS&WhyLname, 070VtcStyleSyntax&StructureLname, 071VtcWriting&ApplyingYourFirstStylesLname,  and  072VtcIntroToSelectorsLname. |
|  | Learning Target:  Students will learn about  ***Style Sheets*** 073VtcBaseTagSelectorLname, 074VtcTheClassSelectorLname, 075VtcTheIDSelectorLname, 076VtcContextSelectorsLname, and 077VtcWhenToUseIDorClassLname.  Learning Target:  Students will learn about  ***Managing Multiple Styles Sheets*** 078VtcHowStylesCascadeLname |
|  | Learning Target:  Students will learn about  ***Managing Multiple Styles Sheets*** 079VtcCascade&InheritanceRulesLname, 080VtcCascade&InheritanceTipsLname, 081VtcInliningStylesLname, 082VtcEmbeddingStylesLname, 083VtcImportingStyleSheetsLname, and 084VtcLinkingStyleSheetsLname. |
|  | Learning Target:  Students will learn about  ***CSS Building Blocks*** 085VtcTheBoxModelLname, 086VtcTheDivTagLname, 087VtcChildDivsLname, 088VtcWidth&HeightLname,  and  089VtcMarginLname.  Learning Target:  Students will learn about  ***CSS Building Blocks*** 090VtcPaddingLname, and 091VtcBordersLname. |
|  | Learning Target:  Students will learn about  ***FormattingText*** 092VtcWhyTextFormattingIsImportantLname, 093VtcChoosingFontsLname, 094VtcBrowser-SafeFontsLname, 095VtcFontSizeLname, 096VtcApplyingStylesToTextLname. 097VtcSettingLineHeightLname,  and 098VtcLetterSpacingKerningLname,  Learning Target:  Students will learn about  ***Formatting Text (cont.)*** 099VtcOtherFontPropertiesLname, and 100VtcTipsForImprovingTextLegibilityLname |
|  | Learning Target:  Students will learn about  ***Styling Lists / Colors / Images*** 101VtcStylingListsWithCSSLname, 102VtcCSSBackgroundColorLname, 103VtcCSSBackgroundImagesLname, and 104VtcSettingImageOpacityLname. |
|  | Learning Target:  Students will learn about  ***Laying Out Pages with CSS*** 105VtcCSSLayoutStructureLname, 106VtcBlockVsInlineDisplayLname, 107VtcContainingBlockLname, 108VtcPositioningSchemesLname, 109VtcStaticFixedAbsolutePositioningLname, and 110VtcRelativePositioningLname |
|  | Learning Target:  Students will learn about  ***Laying Out Pages with CSS (cont.)*** 111VtcFloating&ClearingContentLname, 112VtcUsingFloatsInLayoutsLname, 113VtcFixed-WidthLayoutsLname, 114VtcLiquidFluidLayoutsLname, 115VtcElastic&VariableFixedWidthLayoutsLname, and 116VtcTipsForCreating&ApplyingSheetsLname |
|  | Learning Target:  Students will learn about  ***HTML5*** 117VtcWhatIsHTML5Lname, 118VtcHTML4vsHTML5Lname, 119VtcNewHTML5StructualElementsLname, 120VtcTheArticleSectionNavElementsLname, 121VtcAssideFigureLegendElementsLname, and 122VtcVideo&AudioElementsLname. |
|  | Learning Target:  Students will learn about  ***HTML5 (cont.)*** 123VtcPlayingVideo&AudioLname, 124VtcControllingMediaPlaybackLname, 125VtcTheCanvasElementLname, 126VtcAdditionalHTML5APIsLname, 127VtcWhereYouCanUseHTML5Lname, 128VtcEasingTheTransitionFromXHTMLLname |
|  | Learning Target:  Students will learn about  ***Advanced Topics*** 129VtcXMLLname, 130VtcAdditingMultimediaLname, 131VtcMultimediaPlayers&PlatformsLname, 132VtcJavaScriptLname, 133VtcDynamicHTMLLname, and 134VtcAJAXLname |
|  | Learning Target:  Students will learn about  ***Publishing Your Web Site & Conclusion*** 135VtcUnderstandingWebPagePublishingLname, 136VtcSiteSetup&FileTransferLname, 137VtcSiteManagement&OrganizationLname, 138VtcSiteTroubleshootingTipsLname, 139VtcPromotingYourSitesPart1Lname, 140VtcPromotingYourSitesPart2Lname, and 141VtcWrapUpLname |
|  | Learning Target:  Students will move from HTML and introduced to XHTML , the W3C, ML, CSS, DOMs, DTDs, Legacy, XML.  File Management:  MyDocuments > WebProgramming > XHTML  XHTML  ***Introduction*** 001VtcXIntroLname, 002VtcXw3cLname, 003VtcXMLsLname, 004VtcXCSSLname, 005VtcXDOMsLname, 006VtcXDTDsLname, 007VtcXLegacyLname,  and 008VtcXXhtmlLname |
|  | Learning Target:  Students will learn XHTML Folder Naming, File Naming, 60K Limits, HTML-Kits Preferences, plug-ins, HTML-TIDY  ***Introduction (cont.)*** 009VtcXFolderNamingLname, 010VtcXFileNamingLname, 011VtcX60kLimitLname, 012VtcXSetingUpPreferencesLname, 013VtcXInstalling-PluginsLname, 014VtcXHTML-TIDYLname, 015VtcXWorkingHTMLkitLname, 016VtcXUploadingHTMLkitLname |
|  | Learning Target:  Students will learn XHTML DTDs, Parts of DTDs, Updating With DTDs, Doctype Declarations, HTML vs XML, Basic XML, and XML DTDs  ***Introduction to XHTML*** 017VtcXDTDsLname, 018VtcXPartsOfDTDsLname, 019VtcXUpdatingWithDTDsLname, 020VtcXDoctypeDeclarationsLname, 021VtcXHTMLvsXMLLname, 022VtcXBasicXMLLname, 023VtcXXMLDTDsLname |
|  | Learning Target:  Students will learn XHTML  XML & CSS, External DTDs, Fuiture Directions, XHTMLs DOM, Language Values, Character Sets & Encoding, and Character References.  ***Introduction to XHTML(cont.)*** 024VtcXXML&CSSLname, 025VtcXExternalDTDsLname, 026VtcXFutureDirectionsLname, 027VtcXXHTMLsDOMLname, 028VtcXLanguageValuesLname, 029VtcXCharacterSets&EncodingLname, and 030VtcXCharacterReferencesLname |
|  | Learning Target:  Students will move from XHTML to DHTML and reveive an overview, experience a sample site, and note the minimum system requirements.  Along with that, student will review some editor tools. File Management:  MyDocuments > WebProgramming > DHTML  DHTML  ***Introduction*** 001VtcDWelcome&OverviewLname, 002VtcDSampleSiteLname, and 003VtcDMinSystemRequirementsLname.  ***Tools*** 004VtcDHTML-XHTMLeditorsLname, 005VtcDWYSIWYGeditorsLname, 006VtcDDreamweaverOverviewLname, and 007VtcDSettingUpTheSiteLname |
|  | Learning Target:  Students will learn about planning the site and the WWW.  ***Planning the Site*** 008VtcDClientRequirementsLname, 009VtcDSiteMapLname, 010VtcDTechnicalRequirementsLname, and 011VtcDDesignRequirementsLname  ***Internet and the WorldWideWeb*** 012VtcDTheSourceOfHTMLLname, 013VtcDStandardsEvolutionwithW3cLname, 014VtcDWhatDoYouFollowLname, and 015VtcDWritingXHTML-CSS-JavaScriptPagesLname. |
|  | Learning Target:  Students will learn about  ***XHTML for Default.htm*** 016VtcDFrom SGMLtoXMLLname, 017VtcDQuickOveriewOfXHTMLComplianceLname, 018VtcDBasicConstructionOfDefaultPageLname, 019VtcDMainElementsForDefaultPageLname  ***StylingDefault.htm*** 020VtcDOldHTMLPresentationMarkUpLname, 021VtcDAlongCameCSSLname, 022VtcDDiscerningStructureContentLname, 023VtcDSeparationProcessLname, |
|  | Learning Target:  Students will learn about  ***StylingDefault.htm (cont.)*** 024VtcDBasicStyleRulesLname, 025VtcDCascadingSets&NamingRulesLname, 026VtcDFore&BackgroundForDefaultPageLname, 027VtcDFontFamily&SizeForDefaultPageLname, and 028VtcDList&NavigationForDefaultPageLname. |
|  | Learning Target:  Students will learn about  ***Polsitioning Default.htm*** 029VtcDTheBoxModelLname, 030VtcDBlockInlineElements&BoxesLname, 031VtcDNormalFlow&PositioningSchemeLname, 032VtcDTagsReferenceByClassLname, 033VtcDSloganText&PositioningLname, 034VtcDLinks&NavigationPositioningLname, 035VtcDTreeQuoteFirstPositionLname, 036VtcDTreeQuoteFloatTextRightLname, and 037VtcDTreeQuoteFloatLinkLeftLname |
|  | Learning Target:  Students will learn about  ***JavaScript for Default.htm*** 038VtcDOverviewOfClient-SideScriptingLname, 039VtcDJavaScriptProperties&MethodsLname, 040VtcDTreeQuote&ArrayOfQuotesLname, 041VtcDChanginingTreeQuote1Lname, and 042VtcDChangingTreeQuote2Lname  ***XHTML for Artist Information*** 043VtcDArtisPhotoHeaderQuoteLname and 044VtcDArtisSummary&MoreInfoAreaLname. |
|  | http://jl132.k12.sd.us/Assign7.jpgLearning Target:  Students will now put into practice what we have learned about HTML, XHTML, and DHTML.  Each Chapter is filled with miscellaneous terms for recall exercises and each section has a quick check quiz available for reinforcement should they be necessary.  Students will download the data files for each tutorial supported by the text.  Each tutorial will consist of a lone major task, some finishing touches will be made to that major task under the practice review, and then the tutorial will finish with multiple case assignments to reinforce the objectives emphasized within that lesson.   The HTML-kit will be utilized as the text editor for all assignments.  The tutorials and cases will be performed in order.  Assignments will be named as "Tutorial Number, Case Number, Web Page Title, Lname".  An example of the file name for the first assignment in chapter 1 is **Tut1Case0DubesChemClassLname**.  File Management:  MyDocuments > WebProgramming > TextTutorials  Reading:  Page 1-46  Tutorial 1:  Developing a Basic Web Page Tut1Case0DubesChemClassLname  Section 1.1:  History of Internet, Web, & HTML; Describe HTML Standards & Specs; Basic Syntax of HTML Code Section 1.2:  One & Two-Sided Tags; Insert Element Attributes; Comments; Block-Level & Inline Elements; Element's Appearance; Lists; Fonts; Logical/Physical Elements Section 1.3:  Define Empty Elements; Insert Inline image; Insert Horizontal line; Store Meta Info; Special Characters & Symbols |
|  | Case1:  Tut1Case1ChildLinkLname, pg 47-48 |
|  | Case2:  Tut1Case2MathDeptLname, pg 48-50 |
|  | Case3:  Tut1Case3FrostbiteLname, pg 50-52 |
|  | Case4:  Tut1Case4BodySysLname, pg 52-53 |
|  | Reading:  Page 55-92  Tutorial 2:  Developing a Basic Web Site Tut2Case0DubesChemClassLname  Section 2.1:  Define Links & Uses; Element Ids; Links within Pages; Anchors for Legacy Section 2.2:  Web Site Structures; Linking Pages; Define Absolute and Relative Paths Section 2.3:  Interpret URL Structure; Linking Sites, Linking Servers, Groups, Email; Open Links in New Windows; Pop-up Titles & Access Keys; Semantic Links; Link Elements |
|  | Case1:  Tut2Case1MonroeLibraryLname, pg 93-95 |
|  | Case2:  Tut2Case2WesternCollegeLname, pg 95-98 |
|  | Case3:  Tut2Case3DiamondHealthLname, pg 98-101 |
|  | Last Day:  Turn in computers. |
|  | Case4:  Tut2Case4BodySysLname, pg 101-102 |
|  | Reading:  Page 107-163  Tutorial 3:  Developing a Web Page Tut3Case0ArcadiumLname  Section 3.1:  HTML Colors; Fore & Backgrounds; Font Styles & Designs; Text Alignments; Spacing between Letters, Words, & Lines Section 3.2:  Graphic Formats; Transparent Images; Background to Element; Float Images; Margins Section 3.3:  Image Maps; hotspots & Links; Apply Image Map to Inline Image; Remove Border from Linked Image |
|  | Case1:  Tut3Case1PixalProductsLname, pg 163-165 |
|  | Case2:  Tut3Case2MidwestUnivLname, pg 165-167 |
|  | Case3:  Tut3Case3CryptographicInstLname, pg 167-169 |
|  | Case4:  Tut3Case4MidwestHomesLname, pg 169-170 |
|  | Reading:  Page 173-232  Tutorial 4:  Designing a Web Page with Tables Tut4Case0ParkCityGazetteLname  Section 4.1:  Preformatted Text/ Basic Text Table; Basic Structures of Graphical Table; Summary Info in Table Section 4.2:  Table Borders/Gridlines; Dimensions Table/Cell/Content; Format Content; Table Background Images/Color; Align Table & Cell Content Section 4.3:  Page Layouts; Fixed & Fluid Layouts; Newspaper style Layouts |
|  | Case1:  Tut4Case1dHomeIncLname, pg 233-235 |
|  | Case2:  Tut4Case2DunstonRetreatLname, pg 235-237 |
|  | Case3:  Tut4Case3ChamberlainCenterLname, pg 237-239 |
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|  | Case4:  Tut4Case4TravelWebLname, pg 239-240 |
|  | Reading:  Page 243-279  Tutorial 5:  Designing a Web Page with Frames Tut5Case0YaleClimbingSchoolLname  Section 5.1:  Frame Uses; Frame Layouts; Display Document in a Frame; Format Frame Display Properties Section 5.2:  Direct Link Target to a specific Frame; Direct a Link Target Outside of a Frame Layout; Add Page Content for Browsers that Don't Support Frames; Format the Color and Size of Frame Borders; Incorporate an Inline Frame in a Page |
|  | Case1:  Tut5Case1DocCentricCopiersLname, pg 279-280 |
|  | Case2:  Tut5Case2BrowyerRealtyLname, pg 281-282 |
|  | Case3:  Tut5Case3SkyWebAstronomyLname, pg 282-285 |
|  | Case4:  Tut5Case4WarnerPeripheralsLname, pg 285-286  MHS Recruiting Video (For Prospective Students) MMS Transition Video (From 5th Grade to 6th Grade)  Computer Turn-In |
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