Updated: 9.14.2018

September 2018

	Monday **September 17**	Tuesday **September 18** *NTHS meeting*	Wednesday **September 19** *Fire Drill*	Thursday **September 20**	Friday **September 21**
Digital Design II Periods 1 & 6	Begin Ch. 4 Creating Animations: review animation, persistence of vision, motion tween animations, tween spans, onion skinning, motion paths, keyframes, create motion tween animation, edit a motion path; change the ease value,	resize and reshape an object;Create a color effect, orient an object to a path, copy a motion path, rotate an object, remove a motion tween, work with multiple motion tweens Create a classic tween animation, add a motion guide and orient the object to the guide,	create an in-place f-b-f animation; Copy frames and add a moving background, create a f-b-f animation of a moving object, Discuss shape tweening; create a shape tween animation, create a morphing effect and adjust the rate of change in a shape tween animation;	Use shape hints; break apart a graphic symbol & select parts of the object to separate from the graphic; create & edit a movie clip; animate a movie clip; select, copy & paste frames; animate text using a motion preset; cret rotating text;	Resize and fade in text that is animated; make a text block into a button; add an action to the button; **Begin the Chapter 4 Skills Review** **Due Monday at end of Period**
Digital Design I Period 3, 5, 6	Complete ProjBuilder 1&2 Complete the Design Project Save as .jpg and turn all files into P: before the end of the period.	Begin Chapter 6: Placing Type in an Image Notes: type, typefaces, font, outline type, vector fonts, bitmap type, font family, serif fonts, sans serif, symbol fonts, points Create & modify type; change type using an existing color in the image; explain the Character Panel; Kerning, Baseline Shift, Leading, Anti-aliasing,	Review Drop Shadow, modify the settings, apply anti-aliasing, bevel & emboss, 3d extrusion, apply and modify filter settings, create text on a path **Chapter 6 Community Promo** project; choose a location, save images from Web, create a composition to advertise your location for tourism	Continue to work on and finalize the Community Promotion today in class. Turn in to the P: as a .jpg before the bell rings.	Chapter 7: "Using Painting Tools. Paint & patch an image, use the sharpen tool; burn an area; red-eye reduction; set fade options; paint an area; create a patch for an area
AP Computer Science Prin. Period 4	**Test on chapter 2** **Unit 2: Lesson 1** Byte & File Sizes File size comparison; Bytes & File Sizes Activity (30)	**Lesson 2:** Text Compression Heuristic & Lossless Abbr in Ur Txt Msgs (5-7) Decode the Mystery (12) Video: Text Compression with Aloe Blacc Challenges with compression; Activity 2: (30) Develop a heuristic for doing compression	Continue Activity 2 Wrap U & Recap Compression in the Real World **Lesson 3**: Encoding B&W Images Image, metadata, pixel Invent an encoding scheme for B&W images (10) Video: The Pixelation Widget Task 1: Make a 3 x 5 letter "A" Make your own image	**Lesson 4**: Encoding Color Images Hexadecimal; RGB Activity (40) – Vid: A little bit about Pixels; begin the Color Pixelation Widget; Encode color images; view the tutorial video all parts and work inside CodeStudio;	The Personal Favicon Project: create a 16 x 16 personal favicon in RGB using the Pixelation tool; be sure to incorporate hexadecimal numbers, metadata and the underlying encoding of the image in a raster file