

Photoshop CC18 | 19 | 20 Student Workbook

Graphics, Art, Media, Entertainment
(G.A.M.E.) Experiment

Mission Handbook

ACATestPrep on GMetrix

Welcome Graphics, Art, Media, Entertainment Recruit (G.A.M.E.R.)

The BrainBuffet Graphics, Art, Media, Entertainment (GAME) experiment mission handbooks are designed for use with the BrainBuffet video-based online courses. Graphics, Art, Media, Entertainment Recruits (GAMERs) are expected to be familiar with all resources and content within this workbook and the associated video curriculum to graduate the program. All GAMERs should have a blast learning cool stuff, create awesome images, and share their creations as frequently possible on social media, and tag us @brainbuffet to show us the amazing graphics you create!

Everything we do @BrainBuffet is #ForTheKids and #CertifiablyCreative!

ACATestPrep is a division of BrainBuffet.com and is available through the GMETRIX platform. This workbook can be used and shared in its entirety as long as the footer and BrainBuffet branding is intact so people can find our video curriculum for the Adobe Certified Associate exams. Find out more about our best-selling curriculum created by award winning teachers at BrainBuffet.com.

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Name: _____ Date: _____ Period: _____

Photoshop Project 1 S.E.T.

S **enario:** Personal photos for your social media timeline or travel photos often need a little tweaking to get that feeling that you experienced while you were there. We start with an introduction to the Photoshop Interface and critical settings, and then move on to cropping images, removing distracting elements, perfecting colors, and importing and exporting common file types from Photoshop.



E **xpectations:** Fix common problems in Photos.

T **imeline:** This should take you 5-6 hours of class time to complete.



Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
(Progress Learning, Activity, Timestamp, Experience.)

Day 1 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 2 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
(Progress, Learning, Activity, Timestamp, Experience.)

Day 3 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 4 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 5 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 6 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Photoshop Project 1 Worksheets

Concise Help, Explanation, and Tips (CHEaTs)

- Make sure you understand the workspace and how to customize it for your own personal workflow.
- Some tools are hidden in the toolbar. Learn where they all live!
- Understand how to work with RAW images
- Learn to browse with Bridge, it's an incredible tool

NOTES: Using the BrainBuffet Project 1 tutorials, please answer the following questions.



1. Label the diagram above with the name of each feature in the Photoshop Workspace, and a description of what it does. (1.01 - 1.03)

	Name	Description
A.		
B.		
C.		
D.		
E.		
F.		

Name: _____ Date: _____ Period: _____

2. What is the shortcut for Edit>Preferences>General? (1.01) _____

3. What can you do in the Interface preferences? (1.01) _____

4. In the File Handling preferences, what interval should you do automatic save recovery? (1.01) _____

5. What four file types can you export your work into when using the Quick Export format preferences? (1.01) _____

6. What do PNG files offer that JPG files do not? (1.01) _____

7. What adds the Copyright and Contact info to a project? (1.01) _____

8. What is recommended if you experience weird crashes or strange visuals for the video card in Photoshop? (1.01) _____

9. Print resolution is best at (1.01) _____ dpi.

10. What is in the learn panel? (1.02) _____

11. As a designer or in the real world, we work _____
and not by _____ (1.02).

12. If you only enter the values a tutorial shows you, you won't learn _____ to use the software. Learn HOW to use the tools and adjust the image _____
so that you can create unique and creative designs for a _____ (1.02)

Name: _____ Date: _____ Period: _____

13.A _____ indicates where the panel will be placed when moving it around. A _____ indicates which panel group the panel group will be joining. (1.03)

14.Double click on the _____ to zoom to 100%.
Double click the _____ to fit it the document to the window. (1.05, 1.11)

15.What do you need to do to temporarily switch to the hand tool to “drag” your image around within the document window? (1.05, 1.11) _____

16.What keys on the keyboard changes the brush size? (1.06) _____

17.Describe how the clone stamp works. (1.06) _____

18.What is the difference between destructive and non-destructive editing? Can you give examples? (1.07) _____

19.Look at _____ when adjusting.
It’s easy to focus on just _____
and miss _____ (1.07)

Name: _____ Date: _____ Period: _____

20. How do you “turn off” the adjustment layer? (1.07) _____

21. Opacity is _____.

Opacity is the opposite of _____,

so 0 opacity is _____% transparency.

22. What is the default file for a Quick Export? (1.08) _____

23. Change metadata to _____

_____ as a default for your exported files. This will include any copyright and contact info you've included, and if there is no info it will just be empty. (1.08)

24. It's best practice to check what option when saving for the web for consistent color?

(1.08) _____

25. What Metadata gets recorded when a picture is taken with most smart phones?

(1.09) _____

26. If a preview doesn't show in your finder, how should you view your photos and see the

Metadata? (1.09) _____

27. What are RAW files? (1.10) _____

28. What images are best to get from the client? (1.10) _____

29. What option allows you to fill a selection using the surround pixels in an image? (1.10)

30. What is the shortcut to remove “marching ants”? (1.11) _____

Name: _____ Date: _____ Period: _____

Photoshop Project 1 Checklist and Rubric

PROJECT 1 SPECIFICATIONS		
<p>Red Fort Photo PSD:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Be straightened. <input type="checkbox"/> People removed with spot healing brush. <input type="checkbox"/> Metadata has Copyright & Contact Info <p><i>PSD Layers:</i></p> <ul style="list-style-type: none"> <input type="checkbox"/> Modified Brightness/Contrast Adjustment Layer <input type="checkbox"/> Modified Hue/Saturation Adjustment Layer 	<p>Northern Lights Photo</p> <ul style="list-style-type: none"> <input type="checkbox"/> Horizon straightened <input type="checkbox"/> People have been removed using content aware fill <p>Completed folder should have:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Aurora PNG <input type="checkbox"/> RedFort PNG <input type="checkbox"/> RedFort PSD <input type="checkbox"/> RedFort@0,1x <input type="checkbox"/> RedFort@0,25x 	<p>You should be able to:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Save or reset workspace <input type="checkbox"/> Change the metadata and add keywords <input type="checkbox"/> Open an image in Photoshop <input type="checkbox"/> Save an image as a Photoshop Document (PSD) <input type="checkbox"/> Quick export an image <input type="checkbox"/> Adjust width of panel, move panels around within workspace

PHOTOSHOP PROJECT 1 SCORING RUBRIC				Score
Mastery of Skills	<p>10 points: Student is able to demonstrate abilities according to specifications. (Screenshots of progress recommended or extra images have been completed to show mastery in skills).</p>	<p>7 points: Only the required images are completed without screenshots or extra images to demonstrate a mastery of skills according to specs.</p>	<p>1 point: For each image completed, add a single point.</p>	
Effort Level	<p>10 points: Photographs are carefully corrected as shown in the tutorials. Finished images have natural looking colors and retouching is invisible.</p>	<p>7 points: Tutorial instructions have been followed, but finished images have noticeable retouching or unnatural looking colors.</p>	<p>4 points: Tutorial instructions were not followed completely.</p>	
Requirements Completed	<p>5 points: Files are properly saved in multiple formats for web and digital storage.</p>	<p>2 points: Files are saved only as one format or saved incorrectly.</p>		
Total Points Earned (25 points possible)				

Photoshop Project 1 Extension Projects

Project 1 Extension Challenges:

- Complete BrainBuffet Photoshop CC15 Project 1 “Facebook Tweaks”
- Restore some of the extra images in the downloads folder for this project.
- Try a Photoshop tutorial you find online
- Find photos online and fix them yourself
- Adobe Education Exchange- Especially Photoshop Retouching Tutorials

Project 1 Cross-Curricular Enrichment:

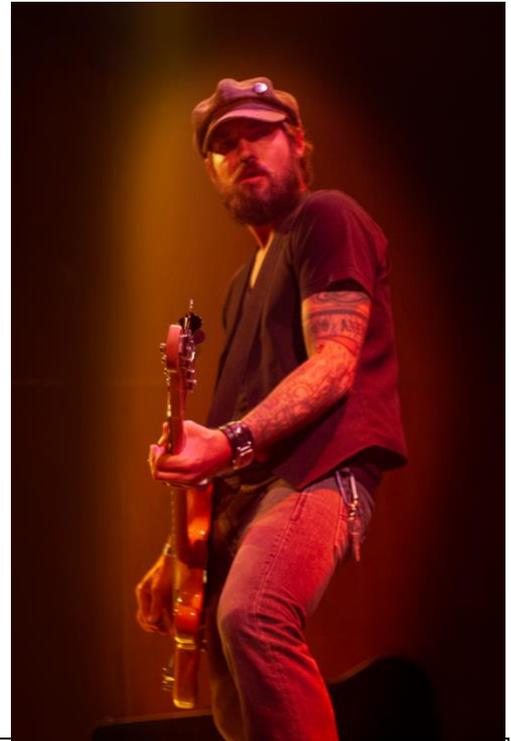
- **Language Arts:** Complete an interview with a family member about a trip they took that changed their perspective on life. Write a report on the lives of the people in your pictures and the events shown.
- **Language Arts:** Compose a fictional account of the people in your pictures and the events shown.
- **Math-** Write a formula that calculates final image size based on pixel size and resolution
- **Social Studies-** Find an image from a famous historical event and restore it, then write a brief reflection on the importance of that event.
- **Science/Technology-** Research how images are created or shared- there are many ways!! Printing, Film, Digital cameras, projection (digital and film,)
- **Science/Technology-** Make your own film camera. Yes, seriously- it's not that hard!

Photoshop Project 2 S.E.T.

Senario: People hire photographers for many different occasions such as weddings, engagement sessions, press conferences, and band performances. In this project, students will learn ways to modify photos in a professional style.

Expectation: Learn how to import photos and enhance photos to look more professionally done.

Timeline: This may take a student 5-6 hours of class time to complete.



Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
(Progress Learning, Activity, Timestamp, Experience.)

Day 1 Date:

Videos Completed: _____

Screenshots to document progress?

What was the coolest thing you learned?

Day 2 Date:

Videos Completed: _____

Screenshots to document progress?

What was the coolest thing you learned?

Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
(Progress, Learning, Activity, Timestamp, Experience.)

Day 3 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 4 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 5 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 6 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Photoshop Project 2 Worksheets

Concise Help, Explanation, and Tips (CHEaTs)

- Understand how to work with RAW images
- Be careful when using the clone stamp and content aware fill! Photoshop is an amazing tool but it takes the designer to make image retouches appear natural!
- Be careful when you're destructively editing a photo! It changes the composition of an image so be sure to save a copy of the original in case you need to start over.
- Know how to work with smart objects and why they're important

NOTES: Using the BrainBuffet Project 2 tutorials, please answer the following questions.

1. **Label the Photoshop tools below and give a description of what it does. (2.02, 2.05)**

	Video	Name	Description
	2.02		
	2.02		
	2.02		
	2.02		
	2.05		
	2.05		
	2.05		
	2.05		

Name: _____ Date: _____ Period: _____

2. When using the healing brush, _____
to avoid visibly repeating patterns. Be sure to resample from _____
_____ to mix up the pattern. (2.02)
3. Turning the _____ of a brush down makes the edges
fade away from the center, giving a gradual effect. (2.03)
4. On layer masks, _____ hides that part of the layer and
_____ reveals that part of the layer. (2.03)
5. What keyboard shortcut swaps the foreground and background colors? (2.03) X
6. When Photoshop doesn't seem to be doing what you expect always _____
_____ ; whichever _____
_____ will be affected by the changes you make. (2.03)
7. What should be checked when saving a PSD? (2.03) _____

8. Raw images can't be _____. They are the
_____ straight from the camera's sensor.
They include _____ the sensor "sees" even it
won't be visible to _____. (2.04)
9. RAW image settings are saved in a(n) _____
when you edit in Adobe Camera RAW. (2.04)
10. What must you do with the XMP file after editing the RAW image in Photoshop? (2.04)

Name: _____ Date: _____ Period: _____

11. You can duplicate a layer by _____
_____ in the Layers panel (2.05)

12. How do you convert a layer to a smart object? (2.05) _____
_____.

13. Smart objects _____ the pixels so
_____ can be destroyed. Smart objects are special
layers in Photoshop that are _____. What does this
mean? (2.05) _____

14. The "tic-tac-toe" board is called the _____. For a
visually pleasing layout, _____,
_____ favoring the intersections. (2.06)

15. Try to create a pretty safe and slightly _____ image
in RAW to bring into Photoshop. This way, you can _____
_____ in Photoshop later without _____
_____ the RAW image. (2.08)

16. How do you non-destructively crop your images? (2.08) _____

Why is this important? _____

17. What is recommended to have more control of your brush? (2.08) _____

Name: _____ Date: _____ Period: _____

18. What filter was recommended on the street photo? (2.09) _____

19. Saturate _____ color, and
desaturate _____ color. (2.09)

20. What does it mean to modify an image visually and not specific numbers? Why is this important in photography/graphic design? _____

Photoshop Project 2 Checklist and Rubric

PROJECT 2 SPECIFICATIONS

Krysti PSD

- Blemishes removed on face of model

PSD Layers:

- Brightness/Contrast Layer 1
- Brightness/Contrast Layer 2 with modified mask and opacity lower than 100%
- Background Layer

Engagement Photo PSD

- Hair removed on female with healing brush
- Iris has been sharpened
- Clasp removed from necklace
- Image cropped with bride in the middle and groom off-center

PSD Layers:

- Brightness/Contrast Layer 1 with modified layer mask
- Background Copy
- Layer 0 [smart object]

GHJohn PSD

- Remove signs with content aware fill
- Remove pole on left
- Remove distractions on right

PSD Layers:

- Brightness/Contrast Layer 1 with modified mask and opacity lower than 100%
- Vibrance Layer 1
- Background Layer

DSBguitar PSD

- Cropped without deleting pixels

PSD Layers:

- Should be at least 3 adjustment layers in the PSD

IndianGirl.png

- Fix blemishes
- Dodge for eyes
- Sponge tool on lips
- Cropped with pixels & straightened

FaceSwap PSD

- Remove snowflake from Rob's face
- Spot healing, remove peeps

PSD Layers:

- Hue/Saturation Layer 1
- Levels Layer 1
- Background Layer

Completed folder should have:

- Original Raw Images & XMP files
- DSBGuitar PSD
- DSB Guitar PNG
- Engagement Photo PSD
- Engagement Photo PNG
- FaceSwap PSD
- Face Swap PNG
- GHJohn PSD
- GHJohn@0,3x PNG
- IndianGirl PNG
- Krysti PSD
- Krysti PNG

You should be able to:

- Use spot healing brush
- Use dodge tool
- Use clone stamp
- Crop an image
- Export an image including metadata and sRGB

Photoshop Project 2 Rubric

PHOTOSHOP PROJECT 2 SCORING RUBRIC				Student Score
Mastery of Skills	10 points: Student is able to demonstrate abilities according to specifications. (Screenshots of progress recommended or extra images have been completed to show mastery in skills).	7 points: Only the required images are completed without screenshots or extra images to demonstrate a mastery of skills according to specs.	4 points: Not all images are completed.	
Effort Level	10 points: Photographs are carefully corrected as shown in the tutorials. Finished images have natural looking colors and retouching is invisible.	7 points: Tutorial instructions have been followed, but finished images have noticeable retouching or unnatural looking colors.	4 points: Tutorial instructions were not followed completely.	
Requirements Completed	5 points: Files are properly saved in multiple formats for web and digital storage.	2 points: Files are missing or saved incorrectly.		
Total Points Earned (25 points possible)				

Project 2 Extension Challenges:

- Complete BrainBuffet Photoshop CC15 Project 2 - Restoring Old Photos
- Retouch some of the extra images in the downloads folder for this project.
- Try a Photoshop tutorial you find online
- Find photos online and fix them yourself

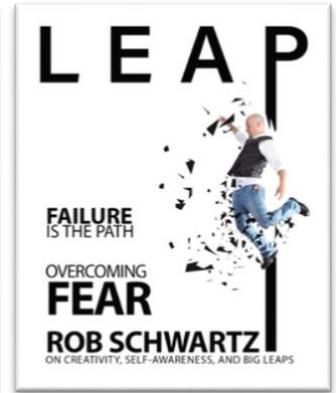
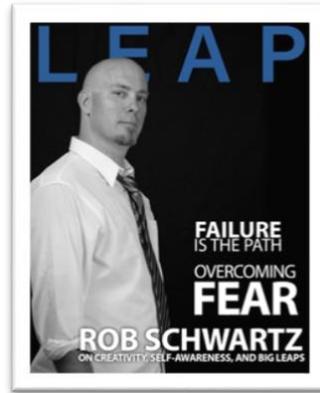
Project 2 Cross-Curricular Enrichment:

- **Language Arts:** Take a nature shot and use Photoshop to enhance the photo. Write lyrics or a poem inspired by the photo. Create a Photoshop document featuring your poem.
- **Language Arts:** Compose a fictional account of the people in your pictures.
- **Math-** Do some research on how much an engagement or wedding photographer costs. Figure out how many photoshoots a photographer needs to complete to make a \$40,000/yr salary. Report your findings.
- **Social Studies-** Do some research on the first cameras and how they were used. How are they different from what we use today?
- **Science/Technology-** Research the process of developing film (yes, film). Also, research darkrooms and how to make your own at home. What do you have to do and what do you need? Report your findings (and use something other than WikiHow).

Photoshop Project 3 S.E.T.

Scenario: Photoshop can do more than just photography- it's a full-fledged design tool!
 This project will introduce you to some critical concepts for print design and you'll create a magazine cover that represents your life and interests. Make it personal and have a blast designing for print in Photoshop!

Expectation: Learn how to create a professional looking magazine cover using type & images.



Timeline: This should take you 5-7 hours of class time to complete.

Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
 (Progress Learning, Activity, Timestamp, Experience.)

Day 1 Date:	Day 2 Date:
Videos Completed: _____ Screenshots to document progress? ✓ ✗ What was the coolest thing you learned?	Videos Completed: _____ Screenshots to document progress? ✓ ✗ What was the coolest thing you learned?

Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
(Progress, Learning, Activity, Timestamp, Experience.)

Day 3 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 4 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 5 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 6 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 7 Date:	Day 8 Date:
Videos Completed: _____ Screenshots to document progress? ✓ ✗ What was the coolest thing you learned?	Videos Completed: _____ Screenshots to document progress? ✓ ✗ What was the coolest thing you learned?

Concise Help, Explanation, and Tips (CHEaTs)

- Remember that when a layer is locked, you may not be able to edit it! Look for the lock symbol.
- Know the difference between a type layer and a rasterized layer. Sometimes students accidentally rasterize a type layer and then it is no longer editable.
- Be careful not to merge your layers. You need the layers in order to edit your Photoshop document correctly.

Photoshop Project 3 Worksheets

NOTES: Using the BrainBuffet Project 3 tutorials, please answer the following questions.

1. To open a new document, go to _____
or press _____ on the keyboard. (3.01)
2. What are the print presets on Photoshop CC18 | 19 | 20? (3.01) _____

3. What are the screen presets on Photoshop CC18 | 19 | 20? (3.01) _____

4. What is web resolution? (3.01) _____

5. What is print resolution? (3.01) _____

6. What is bleed space? (3.01) _____

7. It is best to set up your document in _____ because
that's Photoshop's _____. (3.01)
8. What two ways can you show rulers in your Photoshop workspace? (3.02) _____

9. How can you change the ruler measurement? (3.02) _____

Name: _____ Date: _____ Period: _____

10. How do you show the grid on your canvas? (3.02) _____

11. What are guides? (3.02) _____

12. What are two ways to add guides to your canvas? (3.02) _____

13. Going to Image>Canvas Size _____ . It modifies Photoshop document size without _____ . The relative box _____ or _____ the values you enter from the current _____. If you use a _____ to _____ one or two sides of your document, they _____. The document will only grow in the _____ of the arrows. (3.02)

14. How do you move guides around? (3.03) _____

15. How do you lock guides? (3.03) _____

16. Saving a file _____ and you continue working in the document. Saving a copy _____ and you continue working in the original document. (3.03)

Fill in the blanks as you watch 10 Creativity Tips (3.04)

17. Creative Strategy 1: Find _____, colors, _____, ideas, etc. that you need to include in your design. This gives you a _____ to create from.

18. Creative Strategy 2: Make it _____. When learning/practicing, always try to _____ into something you like. It's more _____ to do a project you're excited about than _____ some stranger's example.

19. Creative Strategy 3: _____, don't brain drizzle. Generate a lot of _____, even bad ones. If you try to only think of great ideas, you _____. Eliminate the fear of bad ideas and you'll get great ones.

20. Creative Strategy 4: Make every project _____, even if it's you. Learn the process of creating a design that wraps around _____, not just your own _____.

21. Creative Strategy 5: Extend the idea to _____. Don't focus just on the _____ but the _____. Don't sell the drill, sell the hole in the wall. Don't sell the camera, sell the memories you can capture with it.

22. Creative Strategy 6: _____, even if you stink at drawing. It lets you see _____ and _____ before you've invested much time and effort.

Name: _____ Date: _____ Period: _____

23. Creative Strategy 7: Steal cool _____. Integrate them into your own designs. A(n) _____ can't be stolen, plagiarism is _____. The _____ and _____ are up for grabs.

24. Creative Strategy 8: _____ Get _____. Search for and pay attention to _____. If it captures _____ - try to figure out why and use that trick.

25. Creative Strategy 9: _____ Do the _____. Don't _____ that the pros use. Nobody wants to _____. If the pros tell you to do it... do it.
(all the pros say to _____ first)

26. Creative Strategy 10: _____ Take _____. Playing it _____ is playing to _____. Don't be a dummy, but don't be a chicken either.

27. Embedded images _____
_____. This image _____ be updated if the original changes. (3.05)

28. Linked images _____
_____. This image _____ be updated if the original changes. (3.05)

29. Going to _____ affects the active layer and going to _____ affects the entire document (3.05)

Define the typography terms below (3.06)

30. Kerning	
31. Tracking	
32. Leading	
33. Serif fonts	
34. Baseline	

35. Where is kerning generally used? (3.06) _____

36. What can do to a title can help give it a more important, powerful feel? _____

37. What is recommend before rasterizing a type layer? (3.09) _____

38. How do you invert a layer mask? (3.11) _____

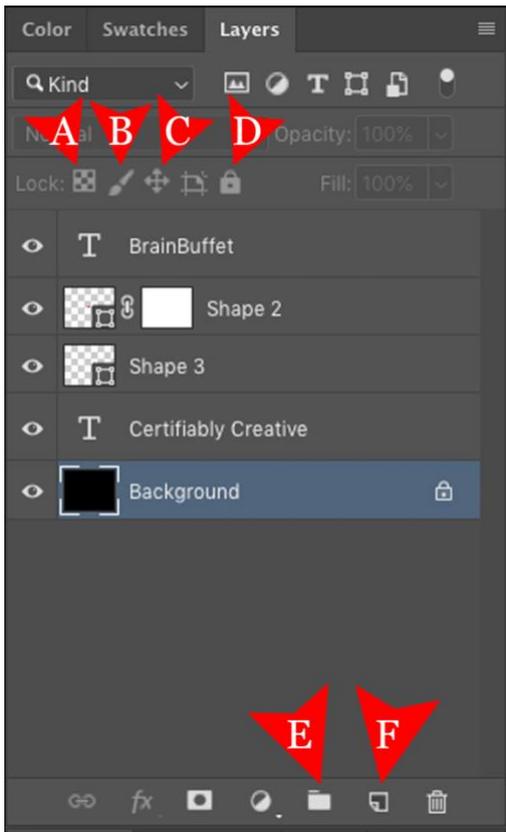
39. How do you rasterize a layer? (3.12) _____

40. What do you press on the keyboard to select multiple layers? (3.13) _____

41. With the text tool active, _____ to select a word.

_____ to select a line. (3.15)

42. Label the Photoshop icons below and give a description of what it does. (3.16)



Label	Description
A	
B	
C	
D	
E	
F	

43. How do you make sure your print document is going to print at 100%? (3.18) _____

44. How do you save a JPG file? (3.18) _____

45. Click on _____ when saving for print. (3.18)

Name: _____ Date: _____ Period: _____

46. How do you view what your document will look like before offset printing? (3.19) _____

47. What is soft proofing? (3.19) _____

48. How do you convert your image from RGB to CMYK? (3.19) _____

Photoshop Project 3 Checklist

PROJECT 3 SPECIFICATIONS

LastName Mag PSD (8.25in x 10.25in)

Document set up with guides

PSD Layers:

White Group

- Articles White Group (locked):**
 - Rob Schwartz type layer with Outer Glow layer style with character changes (locked)
 - Overcoming Fear Type Layer with character adjustments (locked)
 - Failure is the Path Type Layer with character adjustments (locked)
- CrashRob Group (locked):**
 - "I" Type Layer (locked)
 - Shattered layer with modified layer mask (locked)
 - Trampshot layer [smart object] with modified layer mask (locked)
 - Rasterized Leap layer with modified layer mask (locked)
 - White color fill layer (locked)

Black Group

- Articles Black Group (locked):**
 - Rob Schwartz type layer with Outer Glow layer style with character changes (locked)
 - Overcoming Fear Type Layer with character adjustments (locked)
 - Failure is the Path Type Layer with character adjustments (locked)
- Closeup Black Group (locked):**
 - "T" layer with modified layer mask and Drop Shadow layer style (locked)
 - Black & White adjustment layer (locked)
 - Trampshots layer [smart object] (locked)
 - Black color fill layer (locked)

Completed folder should have:

- Black Mag Group:
 - LastNameMag JPG
 - LastNameMag@0,5x JPG
 - LastNameMag@2x JPG
- LastNameMag JPG [white]
- LastName Mag PSD
- LastNameMag@0,5x JPG [white]
- LastNameMag@2x JPG [white]
- LastNameMagBlack PSD
- LastNameMagWhite PSD
- LastNameTEMPLATE PSD

You should be able to:

- Add a guide to the canvas
- Group layers
- Lock layers
- Change the unit of measurement on rules
- Add color fill layer
- Modify tracking and kerning on a type layer
- Add and modify layer masks
- Open document, then be able to change height, width, measurement, orientation, resolution, and color mode and save preset settings
- Save a document as a copy
- Apply and save layer styles

Photoshop Project 3 Rubric

Project 3 Extension Challenges:

PHOTOSHOP PROJECT 3 SCORING RUBRIC				Student Score
Mastery of Skills	10 points: Student is able to demonstrate abilities according to specifications. (Screenshots of progress recommended or extra images have been completed to show mastery in skills).	7 points: Only the required images are completed without screenshots or extra images to demonstrate a mastery of skills according to specs.	4 points: Image is turned in.	
Effort Level	10 points: Magazine covers are created as shown in the tutorials. Images look aesthetically appealing and professionally done.	7 points: Tutorial instructions have been followed. Images are not as clean and professional as they could be. Improvements could be made.	4 points: Tutorial instructions were not followed completely.	
Requirements Completed	5 points: Files are properly saved in multiple formats as shown in the tutorials.	2 points: Files are saved only as one format or saved incorrectly.		
Total Points Earned (25 points possible)				

- Complete BrainBuffet Photoshop CC15 Project 3 - Awesome Event Announcement
- Complete BrainBuffet Photoshop CC15 Project 4 - Hogwarts Pet Store
- Design another cover with the extra images in the Enrichment Folder
- Try a Photoshop tutorial you find online
- Check out some other Magazine tutorials
- Adobe Education Exchange- Especially Typography Tutorials

Project 3 Cross-Curricular Enrichment:

- **Language Arts:** Write an article for your magazine!
- **Math-** Get a magazine and count the number of advertisements in it. Then research how much companies pay for magazine ads (remember, there are full page or half page or 1/4 page ads). Show how much the Magazine made.
- **Social Studies-** As a nod to the wild west, create some "vintage" ads. Then research how to "coffee stain" paper to make it look old.
- **Science/Technology-** Look up how to do screen printing (without having to buy fancy equipment) and try to make a T-shirt using Photoshop and the tutorials you find!

Photoshop Project 4



Photoshop Project 4 S.E.T.

Scenario: Photoshop is more than a Photo editor, it's the most popular and powerful design tool on the planet. Use this tutorial to learn to create a CD Sleeve that hints at your interests and style with some cool effects and tricks of the Trade!



Expectations: Learn how to create a professional CD cover using type, vector shapes & images.

Timeline: This mission may take a student 4-6 hours of class time to complete.

Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
(Progress Learning, Activity, Timestamp, Experience.)

Day 1 Date:

Day 2 Date:

Videos Completed: _____

Videos Completed: _____

Screenshots to document progress?

Screenshots to document progress?

What was the coolest thing you learned?

What was the coolest thing you learned?

Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
(Progress, Learning, Activity, Timestamp, Experience.)

Day 3 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 4 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 5 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 6 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Concise Help, Explanation, and Tips (CHEaTs)

- Remember to organize your layers panel. When a project has multiple layers, it is easier to find the layers you need if you group and label.
- Play with blending modes, opacity, and fill. You may get an even cooler effect than the tutorial!
- Play with layer styles and modify them to your liking. Often the best results are from just playing with the software.

For Photoshop CC19 or 2020 Users

To follow along with 4.08 – *Vector Shapes in Photoshop* video, please follow the instructions below:

Click on *Window>Shapes*, it will bring up the Shapes panel. Then, click on the panel menu where you'll be able to select *Legacy Shapes and More*. (See photo 4.08a)

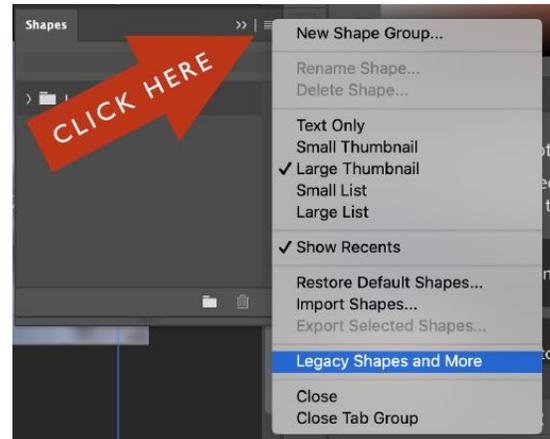


Photo 4.08a

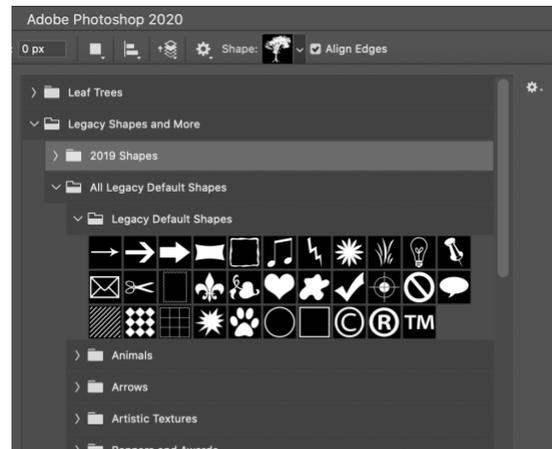


Photo 4.08b

Once you've added that folder, you should be able to see the legacy vector shapes in the custom shape option bar. (See photo 4.08b)

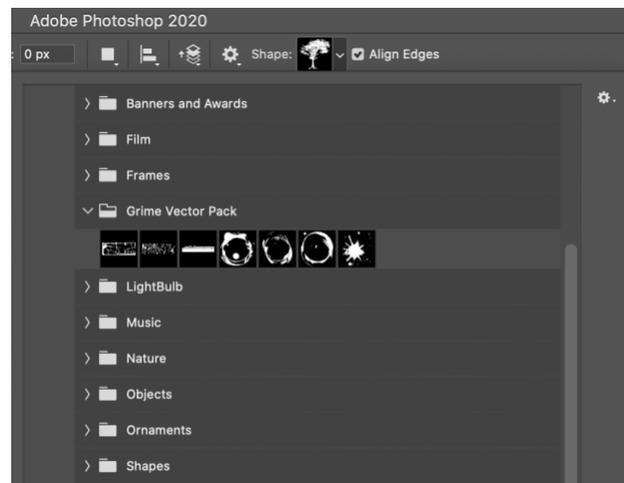


Photo 4.08c

You should also see the Grime custom shapes. (See photo 4.08c)

Photoshop Project 4 Worksheets

NOTES: Using the BrainBuffet Project 4 tutorials, please answer the following questions.

1. Artboards operate like a _____. (4.01)
2. _____ attempts to automatically select the subject in an image. (4.02)
3. When using Magic Wand tool hold _____ to add to a selection. _____ to subtract from a selection. (4.02)
4. The tolerance is _____. Adjust the tolerance to make the magic wand _____. (4.02)
5. To refine a selection, go to _____. (4.02)
6. How do you add a solid color layer? (4.02) _____

7. How do you duplicate a layer? (4.02) _____

8. _____ need to be rasterized before you can destructively edit. (4.03)
9. Being a good designer is more about learning _____ are than learning _____. Tools can be _____. _____ . Design skill and ideas _____. (4.06)
10. Define rasterize: (4.07) _____

Name: _____ Date: _____ Period: _____

11. Define Pixels: (4.07) _____

12. Define Raster (aka bitmap) Images (4.07) _____

13. Define Vector images: (4.07) _____

14. What are 4 ways to rasterize a group, smart object or text? (4.07)

- a. _____
- b. _____
- c. _____
- d. _____

15. How do you flip an object? (4.07) _____

16. _____ is like flipping a page in a book.
_____ is flipping a page in a notepad or legal pad. (4.07)

17. Define Layer opacity (4.09) _____

18. Define Layer fill (4.09) _____

Name: _____ Date: _____ Period: _____

19. How do you add bleed to artboard? (4.11) _____

20. Define adjustment layers: (4.12) _____

21. Define smart filters: (4.12) _____

22. How do you save artboards? (4.12) _____

23. How do you save individual layers as files? (4.12) _____

Photoshop Project 4 Checklist

PROJECT 4 SPECIFICATIONS

CD Sleeve PSD

PSD Layers:

Back Group (Separate Artboard. 5.25in x 5.25in)

- "Layer 2" (filled in selected with lowered opacity)
- Rasterized Title layer with Color Overlay
- Photo Filter Adjustment Layer clipped to image below it
- Image smart object layer with Smart Filter applied

Front Group (Separate Artboard, 5in x 5in)

- Title Group:**
 - Vector Shape 2 (line)
 - Vector Shape 1 (heart)
 - Rasterized Title layer
- Figure Group**
 - Gradient layer with modified layer mask. Opacity is lower than 100%
 - **Guy Group**
 - Rotated image with modified layer mask. Opacity lower than 100%
 - Black & White adjustment layer
 - Image of subject with surroundings erased
- Background Group**
 - Polygon vector shape (triangle) with outer glow layer style. Fill is 0%
- Originals Group**
 - Gradient layer with modified layer mask. Opacity is lower than 100%
 - **Title Group**
 - Resolute Evolution Type layer with kerning greater than 0
 - 3voluT3 Type layer with kerning greater than 0
 - Smart object of subject's original photo with layer mask hiding surroundings

Completed folder should have:

- CD Sleeve PSD file
- CD-SleeveBack PNG file
- CD-SleeveFront PNG file

Student should be able to:

- Add vector shape to document
- Refine selection using Select>Select and Mask (know how to adjust opacity and use refine edge brush tool)
- Change blending mode of a layer from normal (to screen, overlay, etc.)
- Modify opacity or fill of a layer
- Flip an image (not the canvas) vertically or horizontally

Photoshop Project 4 Rubric

PHOTOSHOP PROJECT 4 SCORING RUBRIC				Student Score
Mastery of Skills	<p>10 points: Student is able to demonstrate abilities according to specifications. (Screenshots of progress recommended or extra images have been completed to show mastery in skills).</p>	<p>7 points: Only the required images are completed without screenshots or extra images to demonstrate a mastery of skills according to specs.</p>	<p>4 points: Image is turned in.</p>	
Effort Level	<p>10 points: Images are created as shown in the tutorials. Images look aesthetically appealing and professionally done.</p>	<p>7 points: Tutorial instructions have been followed. Images are not as clean and professional as they could be. Improvements could be made.</p>	<p>4 points: Tutorial instructions were not followed completely.</p>	
Requirements Completed	<p>5 points: Files are properly saved in multiple formats as shown in the tutorials.</p>	<p>2 points: Files are saved only as one format or saved incorrectly.</p>		
Total Points Earned (25 points possible)				

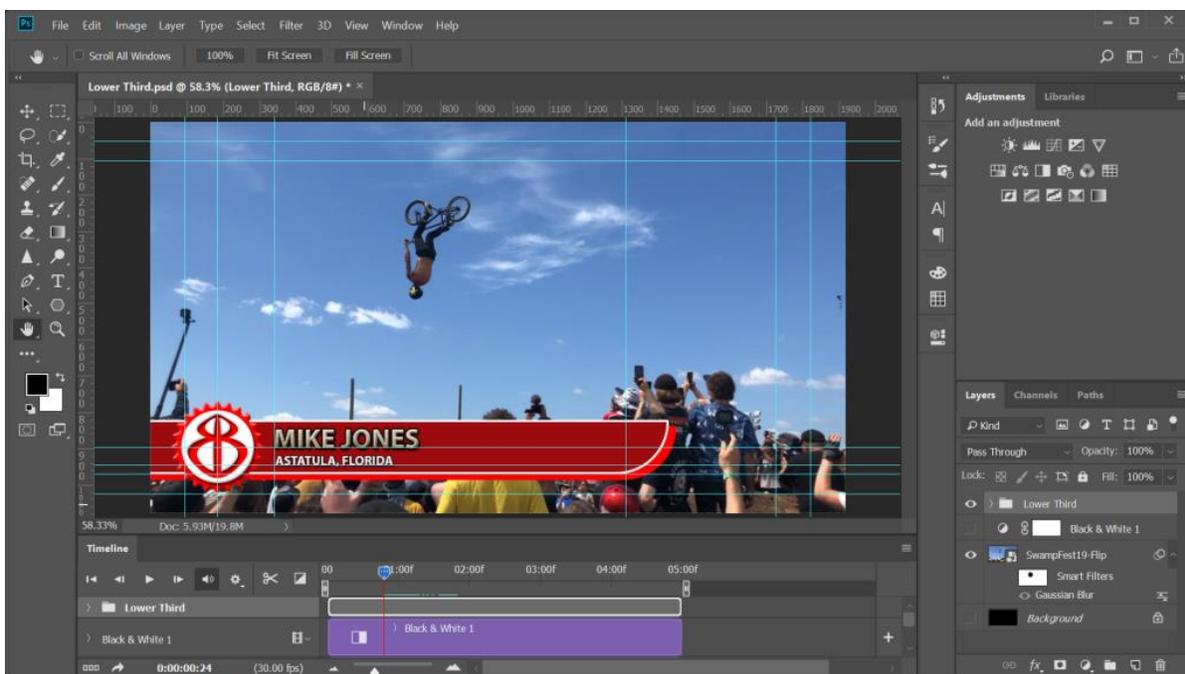
Extension Challenges:

- Complete BrainBuffet Photoshop CC15 Project 5 - Mysterious Scene
- Complete BrainBuffet Photoshop CC15 Project 6 - Bring It All Together
- Design another cover with the extra images in the Enrichment Folder
- Design a poster promoting the band on the CD
- Adobe Education Exchange – look for Photoshop tutorials or Design inspiration

Cross-Curricular Enrichment:

- **Language Arts** – Most CDs have a brief biography of the musical artist. Write one for your CD cover. How did the musician(s) get started? What type of music is it?
- **Math**- Research a concert/show/event in a city you would like to travel too (anywhere other than your hometown). Figure out how much it would cost to spend the weekend in that city and attend the concert or show. (Price out airline tickets or gas costs; a hotel; and don't forget to factor in food!) How much would it set you back? How long would you have to save to make something like that happen for yourself?
- **Social Studies**- Think of a famous poster from another time (look up “We Can Do It”). Try to renew the idea of that poster for your generation. Design it, draw it, photograph it... make it your own! Write a brief description on why you chose that poster and how you modernized it.
- **Science/Technology**- CDs are almost a thing of the past (man... Rob is old!!) but even before CDs... there were these things called record players. There are tutorials on how to make one... go get a record and make (yes, make) a record player!

Photoshop Project 5



Photoshop Project 5 S.E.T.

Scenario: Photoshop can also edit video. I don't just mean it can create video files and play sample video in the background, but you can add effects, styles, and other layer tricks to video layers! Way Cool!

Expectation: Make a lower thirds banner with logo for video.

Timeline: It may take 5-6 hours of class time for students to complete this project.



Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
(Progress Learning, Activity, Timestamp, Experience.)

Day 1 Date:

Day 2 Date:

Videos Completed: _____

Videos Completed: _____

Screenshots to document progress?

Screenshots to document progress?

What was the coolest thing you learned?

What was the coolest thing you learned?

Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
(Progress, Learning, Activity, Timestamp, Experience.)

Day 3 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 4 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 5 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 6 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Photoshop Project 5 Worksheets

Concise Help, Explanation, and Tips (CHEaTs)

- Understand how to organize groups and layers. Make sure you recognize when it is locked!
- Be careful not to rasterize your vector images or smart objects!
- Always save your work! Some computers may run slower while importing your video. Be patient and SAVE, SAVE, SAVE!

NOTES: Using the BrainBuffet Project 5 tutorials, please answer the following questions.

1. For digital displays, resolution normally means the _____
(4k, 1080p, UHD, etc.). For print, the resolution is _____
_____ (300ppi). (5.01)
2. Typical resolution for web & video is _____. _____
_____ will determine the image resolution. (5.01)
3. When making a Web Document make it _____, _____ for
best download speeds. (5.01) _____

4. When in doubt design _____. _____
_____ image size gives better quality than
_____. (5.01)
5. What program is the best option to make a professional Lower Thirds design? (5.02)

6. Hold _____ to resize from the middle and constrain
the shape when resizing to prevent distorting. (5.02)
7. When placing a linked object, you can't make any changes unless you
_____. (5.05)

Name: _____ Date: _____ Period: _____

8. Pro tip: Don't give the client _____.

Too many options _____ . Pick your favorite

_____ maximum and customize as requested.

9. Save color you might need to reuse as _____

that you can customize and re-use later. (5.05)

10. What letter on the keyboard resets the foreground and background to Default

colors? (5.05) _____

What letter switches the colors? _____

11. How do you lock the position of layers in a group? (5.07) _____

12. Locking just the position allows you to _____

_____ (5.07)

13. Chisel & hard settings look _____ .

Soft and smooth setting tend to feel _____ . (5.07)

14. Use _____ in style settings

to be sure the shadows are unified. (5.07)

15. If you wanted to add a stroke or drop shadow to a layer, what do you add? (5.07)

16. How do you copy a layer style from one layer to another? (5.08) _____

17. How do you save a layer style? (5.08) _____

Name: _____ Date: _____ Period: _____

18. How do you save a pattern? (5.09) _____

19. How do you reduce the size of an image? (5.09) _____

20. Define Resampling: (5.10) _____

21. Define Cropping: (5.10) _____

22. Pro tip: when resampling, try to multiply by _____ . (5.10)

23. How do you save a Group as a file? (5.11) _____

Photoshop Project 5 Checklist

SPECIFICATIONS	
<p>Lower Third PSD</p> <p>Lower Third Group</p> <ul style="list-style-type: none"> <input type="checkbox"/> Title Text Group: <ul style="list-style-type: none"> o Type Layer "Astatula, Florida" with Bevel & Emboss, Stroke, & Drop Shadow layer styles o Type layer "Mike Jones" with Bevel & Emboss, Stroke, Pattern Overlay, & Drop Shadow layer styles <input type="checkbox"/> Lower Third BG Group: <ul style="list-style-type: none"> o BB-Logo-Perfect (smart object); locked position with Bevel & Emboss, Stroke, Color Overlay, & Drop Shadow layer styles o Polygon 1 vector [gear shape]; locked position with Bevel & Emboss, Stroke, & Drop Shadow layer styles o Rounded Rectangle 1 copy vector – locked position o Rounded Rectangle 1 vector – locked position <input type="checkbox"/> Black & white adjustment layer <input type="checkbox"/> Imported video layer with Smart Filter applied <input type="checkbox"/> Black background layer 	<p>Completed folder should have:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Lower Third PSD file <input type="checkbox"/> Lower Third PNG file <input type="checkbox"/> "Mike Jones" PNG file <input type="checkbox"/> Video MP4 file <input type="checkbox"/> Background JPG file <input type="checkbox"/> Logo AI file <p>Student should be able to:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Modify gradients by adding/removing color stops <input type="checkbox"/> Save color swatch <input type="checkbox"/> Save a pattern <input type="checkbox"/> Lock Layers within a group <input type="checkbox"/> Move layers from one group into another <input type="checkbox"/> Resample an image to a smaller resolution

Photoshop Project 5 Rubric

PHOTOSHOP PROJECT 5 SCORING RUBRIC				Student Score
Mastery of Skills	10 points: Student is able to demonstrate abilities according to specifications. (Screenshots of progress recommended or extra images have been completed to show mastery in skills).	7 points: Only the required images are completed without screenshots or extra images to demonstrate a mastery of skills according to specs.	4 points: Image is turned in.	
Effort Level	10 points: Image and video are created as shown in the tutorials. Layers styles enhance the overall look of the design and the lower third banner looks professional.	7 points: Tutorial instructions have been followed. Layer styles are distracting and lower third banner does not look clean.	4 points: Tutorial instructions were not followed completely.	
Requirements Completed	5 points: Files are properly saved in multiple formats as shown in the tutorials.	2 points: Files are saved only as one format or saved incorrectly.		
Total Points Earned (25 points possible)				

Extension Challenges:

- Complete BrainBuffet Photoshop CC15 Project 7 - Bottom Thirds
- Take a video of your friends announcing something for your class or club. Make a lower third with your school, class, or club logo and import your own video.
- Adobe Education Exchange tutorials on Lower Thirds

Cross-Curricular Enrichment:

- **Language Arts:** Write an article about an event that you've recently attended. Why were you at the event? What did you learn or do while in attendance?
- **Math-** Try to figure out what resolution a film needs to be for a movie theater screen.
- **Social Studies-** Nowadays, technology has given the ability for everyone to be a journalist. Think of a historic event that happened before we were able to document every moment of our lives. Write a brief reflection on how you think modern technology would have impacted that event?
- **Science/Technology-** Make a stop motion animation! It's fun – try it!

Photoshop Project 6 Worksheets

NOTES: Using the BrainBuffet Project 6 tutorials, please answer the following questions.

1. What are the two most important concerns when thinking about designing? _____

2. What are demographics? _____

3. What are the six major steps to a project plan? _____

4. How are scope and deadlines often communicated in a design project?

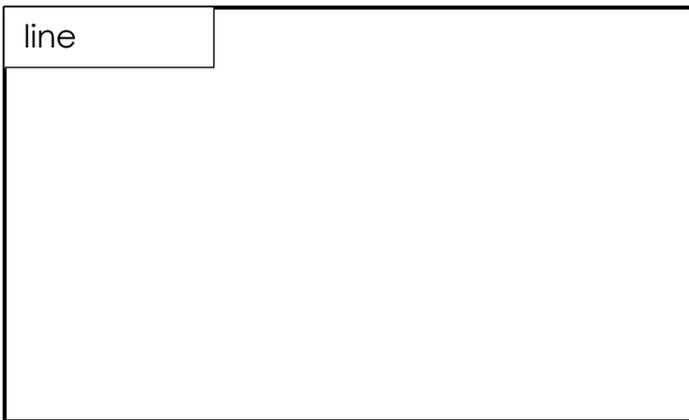
5. What is project creep? _____

6. Negative space is sometimes referred to as _____.
7. What are Photoshop's primary colors? _____
8. _____ are alongside each other. _____
_____ create contrast.
9. _____ are "nouns". _____ are "Verbs".
10. What are the six principles of design? _____

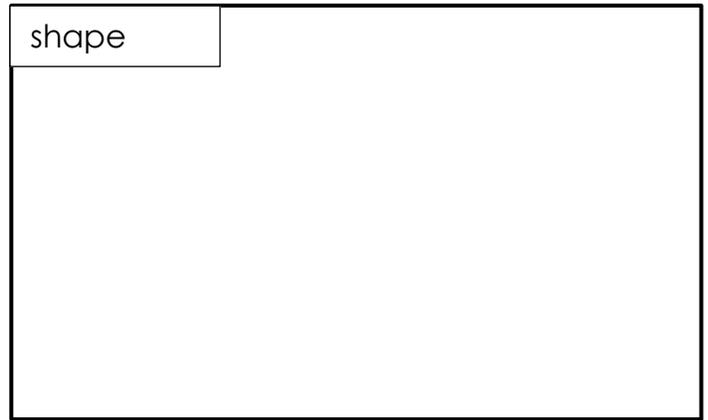
Name: _____ Date: _____ Period: _____

Using the boxes below, draw an example of each elements of art.

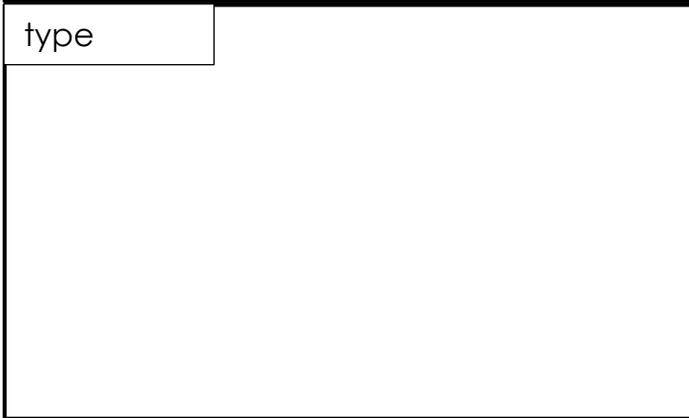
line



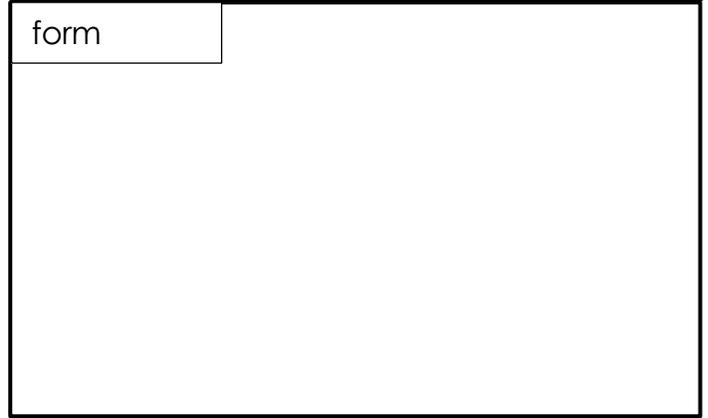
shape



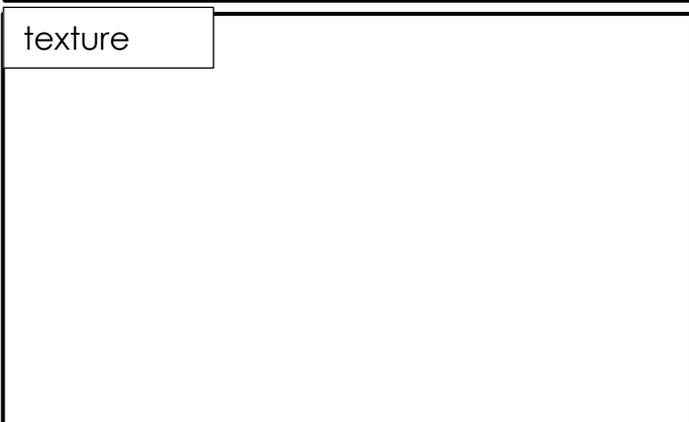
type



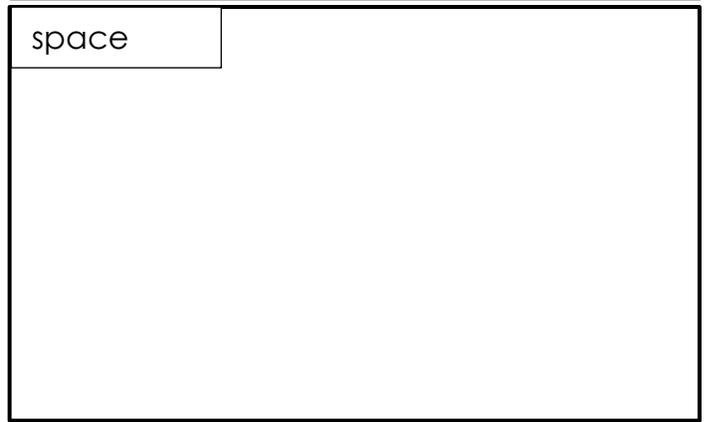
form



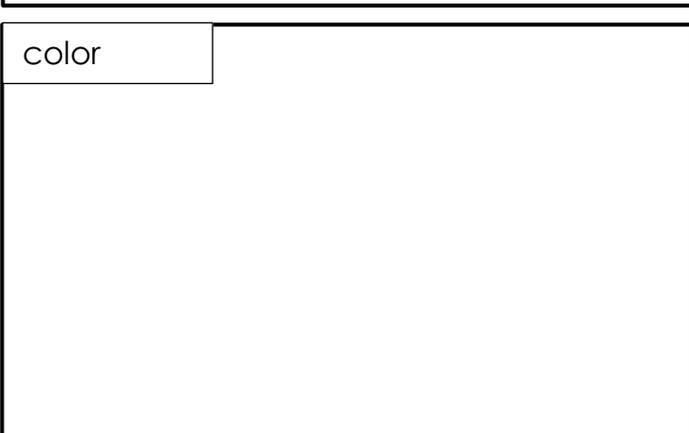
texture



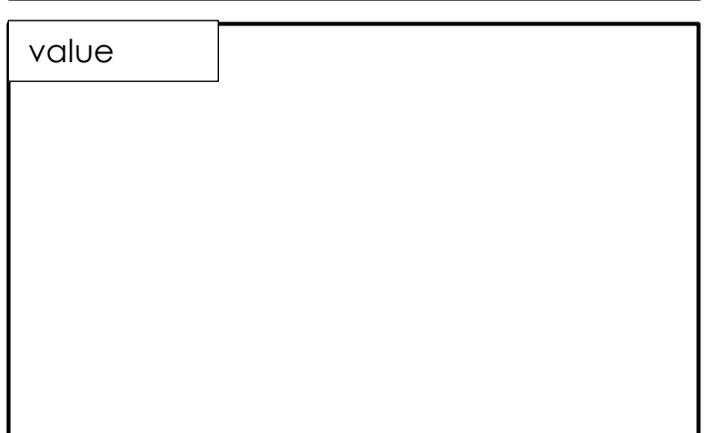
space



color



value



Extension Challenges:

- Adobe Education Exchange, especially What is a Photoshop Project Plan, “Principles of Design” Animation, and Elements of Art & Principles of Design Grid Project.
- Elements of Art poster: <https://edex.adobe.com/resource/v97893453>
- Find a client (ideas for client below) and offer to design a poster or bulletin for them. Keep the design process in mind and create something for them. (Possible potential clients: schoolteacher, school club, school sports team, student government, community sports team, community center, small business/shop, etc).

Cross-Curricular Enrichment:

- **Language Arts:** Think of your favorite book and why that is your favorite. Using the elements & principles of design create a design or draw something that conveys that feeling. See if your design evokes that emotion from others.
- **Math:** Partner up with another student. Each student should take turns being the client and then the designer. As the client, students need to come up with a company, the company’s target audience, and what they sell. Create a logo geometric design. As the designer, students need to come up with a geometric logo for the client that suits their needs.
- **History:** Pick a time period and make an advertisement for an event that could have happened in that time period. The event does not have to be a real event but it does have to be a believable event for that time period.
- **Geography:** Pick another worldly destination and do some research on the culture of the people that live there. What are the differences and similarities between where you live and the place you chose? Write a paragraph on your findings and create two ads for the SAME company. One based on the demographics of where you live and one based on the demographics of the country you researched.



BRAINBUFFET

ADOBE CERTIFIED ASSOCIATE TUTORIALS

PHOTOSHOP C.H.E.A.T. SHEET



Rob's Tips:

- **Shift** Constrains
- **[and]** keys change brush sizes
- **Caps Lock** to turn precision brush on and off
- **X** key to swap colors. Especially cool when perfecting masks.
- **Shift, Alt/Opt, and Cmd/Ctrl** when using tools. These keys often modify tool functions.