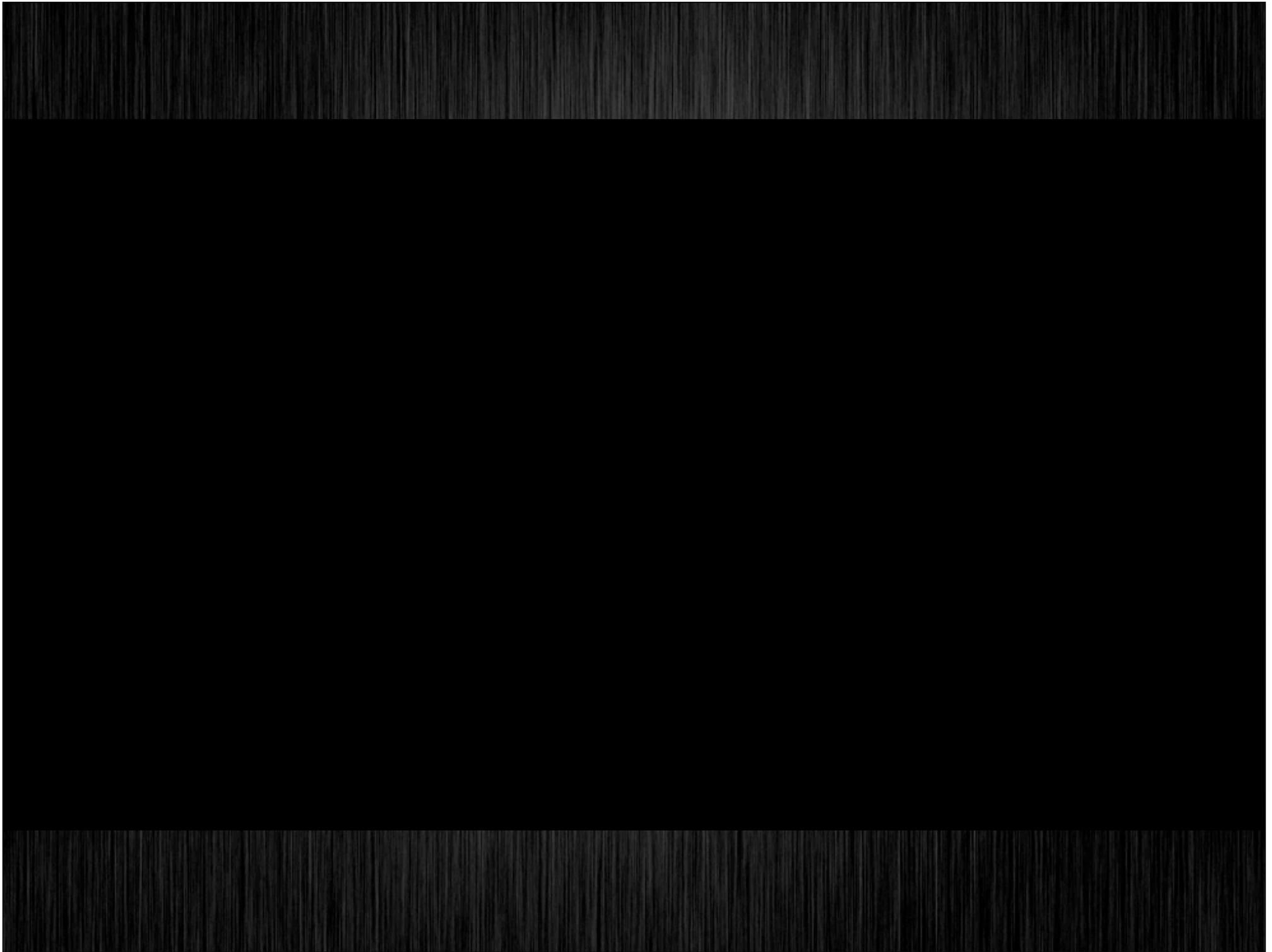


Bringing Digital Photography into the Intermediate Classroom

-Chuck Hocker-

Becoming an Artist



Photography is Just the Start



- graphic designers, computer programmers, web designers, cinematographers, sound designers, set designers, directors, sound mixers, folly artists, 2D and 3D animators...

Why a Unit on Photography?

- Question: "Who likes taking pictures?"
- Answer: Just about everyone
- Cross-curricular possibilities
- Contributing to school culture



Barriers

- Don't have the gear
- Don't have the software
- Don't know how to use Photoshop
- I am not an experienced photographer

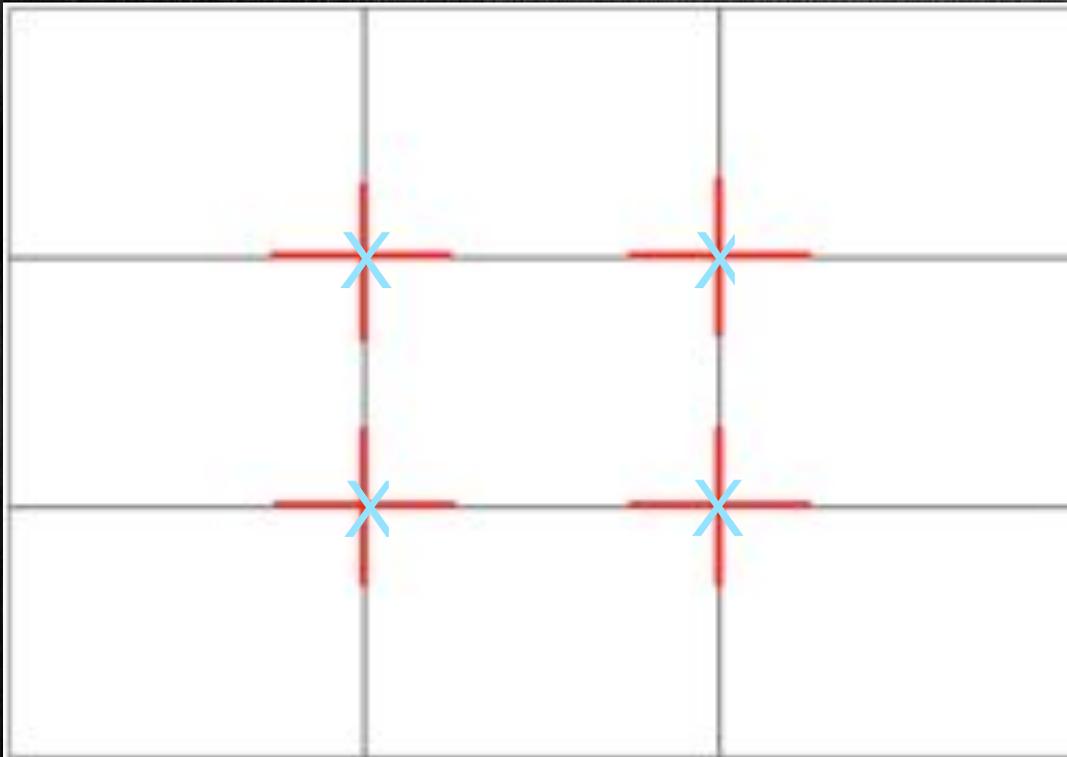


What to Teach

- Rule of thirds
- Elements of art
- Basic editing



Rule of Thirds



Two Rules

1. The four points where these lines intersect are the strongest focal points (hot spots).
2. The lines themselves are the second strongest focal points.

Rule of Thirds

Horizons



Not Using the Rule of Thirds



Rule of Thirds

Rule of Thirds

Hot Spots



Rule of Thirds

The eyes are often the focal point on portraits



Elements of Art

Texture
Form
Space
Shape
Colour
Value

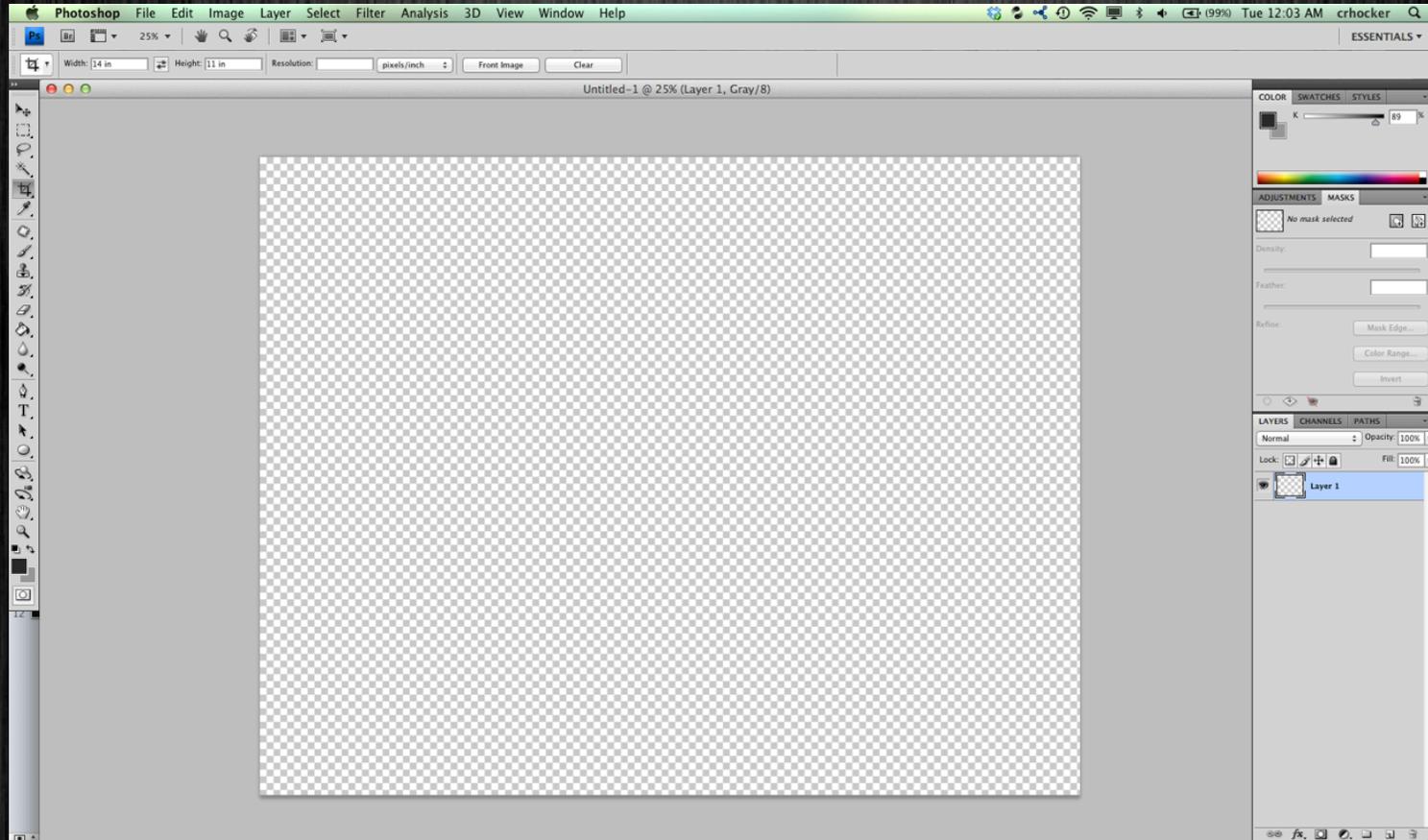
Periodic Table of the Elements

<http://chemistry.about.com>
©2010 Todd Helmenstine
About Chemistry

1A 1 H 1.00794	2A 4 Li 6.941												3A 5 B 10.811					4A 6 C 12.0107	5A 7 N 14.0067	6A 8 O 15.9994	7A 9 F 18.9984032	8A 2 He 4.002602
11 Na 22.989769	12 Mg 24.3050	3B 21 Sc 44.955912	4B 22 Ti 47.867	5B 23 V 50.9415	6B 24 Cr 51.9961	7B 25 Mn 54.938045	8B 26 Fe 55.845	8B 27 Co 58.933195	8B 28 Ni 58.6934	1B 29 Cu 63.546	2B 30 Zn 65.38	3A 31 Ga 69.723	4A 32 Ge 72.64	5A 33 As 74.92160	6A 34 Se 78.96	7A 35 Br 79.904	8A 36 Kr 83.798					
37 Rb 85.4678	38 Sr 87.62	39 Y 88.90585	40 Zr 91.224	41 Nb 92.90638	42 Mo 95.96	43 Tc [98]	44 Ru 101.07	45 Rh 102.90550	46 Pd 106.42	47 Ag 107.8682	48 Cd 112.411	49 In 114.818	50 Sn 118.710	51 Sb 121.760	52 Te 127.60	53 I 126.90447	54 Xe 131.293					
55 Cs 132.9054519	56 Ba 137.327	57-71 Lanthanides	72 Hf 178.49	73 Ta 180.94788	74 W 183.84	75 Re 186.207	76 Os 190.23	77 Ir 192.222	78 Pt 195.084	79 Au 196.966569	80 Hg 200.59	81 Tl 204.3833	82 Pb 207.2	83 Bi 208.98040	84 Po [209]	85 At [210]	86 Rn [222]					
87 Fr [223]	88 Ra [226]	89-103 Actinides	104 Rf [261]	105 Db [268]	106 Sg [271]	107 Bh [272]	108 Hs [270]	109 Mt [276]	110 Ds [281]	111 Rg [280]	112 Cn [285]	113 Uut [284]	114 Uuq [289]	115 Uup [288]	116 Uuh [293]	117 Uus [294]	118 Uuo [294]					
Lanthanides	57 La 138.90547	58 Ce 140.116	59 Pr 140.90765	60 Nd 144.242	61 Pm [145]	62 Sm 150.36	63 Eu 151.964	64 Gd 157.25	65 Tb 158.92535	66 Dy 162.500	67 Ho 164.93033	68 Er 167.259	69 Tm 168.93417	70 Yb 173.054	71 Lu 174.9668							
Actinides	89 Ac [227]	90 Th 232.03806	91 Pa 231.03688	92 U 238.02891	93 Np [237]	94 Pu [244]	95 Am [243]	96 Cm [247]	97 Bk [247]	98 Cf [251]	99 Es [252]	100 Fm [257]	101 Md [259]	102 No [259]	103 Lr [263]							

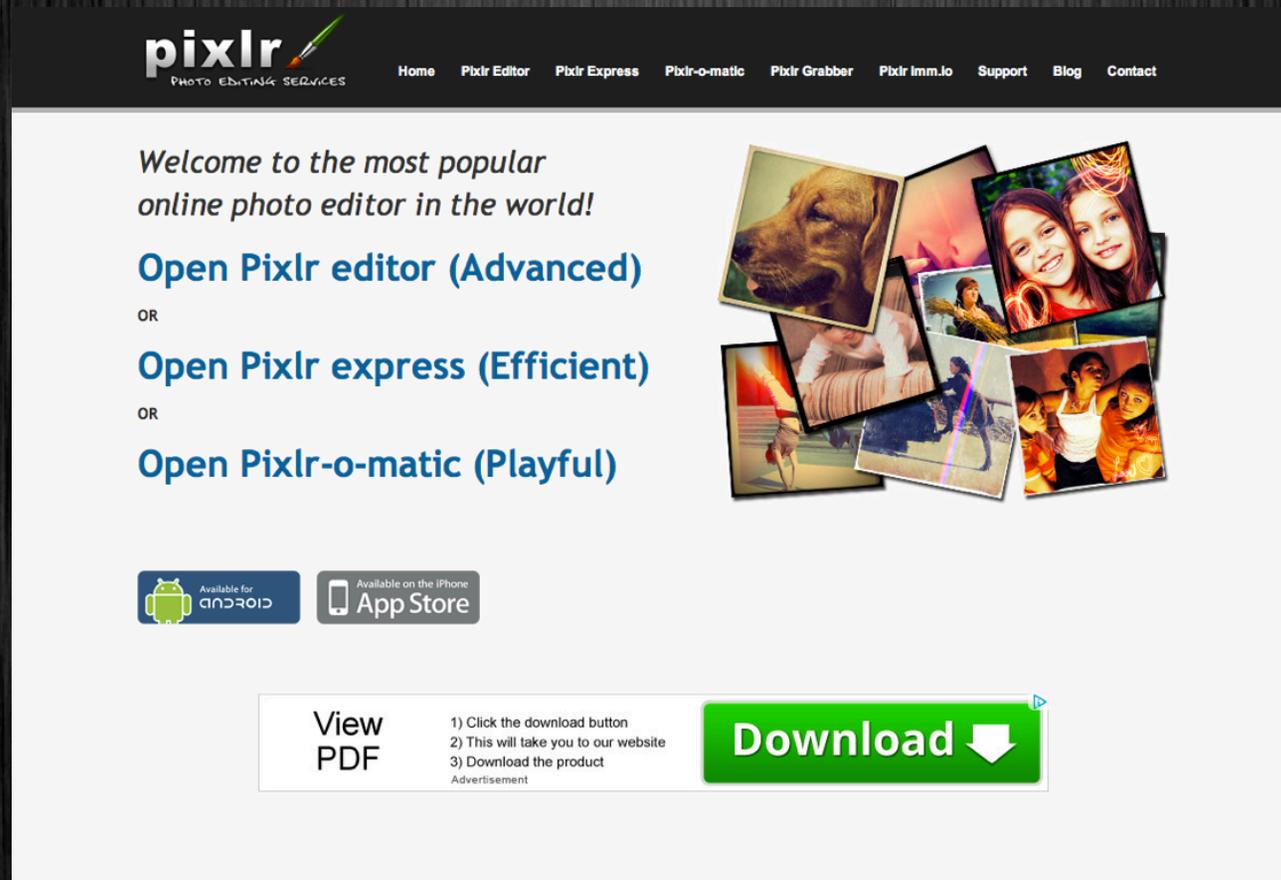
Basic Editing

- “Photoshopping” - the Photoshop myth



Basic Editing

- Introducing Pixlr (www.pixlr.com)



The screenshot shows the Pixlr website homepage. At the top is a dark navigation bar with the Pixlr logo (a pencil icon) and the text "pixlr PHOTO EDITING SERVICES". To the right of the logo are several menu items: Home, Pixlr Editor, Pixlr Express, Pixlr-o-matic, Pixlr Grabber, Pixlr Imm. Jo, Support, Blog, and Contact. Below the navigation bar is a white main content area. On the left, there is a welcome message: "Welcome to the most popular online photo editor in the world!". Below this are three options to open the editor: "Open Pixlr editor (Advanced)", "OR", "Open Pixlr express (Efficient)", "OR", and "Open Pixlr-o-matic (Playful)". To the right of this text is a collage of various edited photos, including a dog, a couple, and a group of people. At the bottom left of the main content area are two buttons: "Available for Android" with the Android logo and "Available on the iPhone App Store" with the App Store logo. At the bottom right, there is a "View PDF" link and a "Download" button with a downward arrow icon. Below the "View PDF" link is a list of instructions: "1) Click the download button", "2) This will take you to our website", and "3) Download the product Advertisement".

pixlr
PHOTO EDITING SERVICES

Home Pixlr Editor Pixlr Express Pixlr-o-matic Pixlr Grabber Pixlr Imm. Jo Support Blog Contact

Welcome to the most popular
online photo editor in the world!

[Open Pixlr editor \(Advanced\)](#)

OR

[Open Pixlr express \(Efficient\)](#)

OR

[Open Pixlr-o-matic \(Playful\)](#)

Available for Android

Available on the iPhone
App Store

[View PDF](#)

1) Click the download button
2) This will take you to our website
3) Download the product
Advertisement

[Download](#)

Name:

Technology/Photography Background

For each question circle your knowledge of the subject on a scale of 1 to 4:

1 = You have never worked with the technology nor have knowledge on the subject

2 = You have worked with the technology before or have a limited knowledge of the subject (will need help)

3 = You have worked with the technology before and feel comfortable working with it alone

4 = You have worked extensively with the technology and could confidently assist others

a) I have worked with point and shoot cameras before.

1 2 3 4

b) I know how to transfer files from cameras to computers.

1 2 3 4

c) I have used basic photo editing software before (i.e. simple composition and cropping adjustments)

1 2 3 4

d) I have used advanced photo editing software before (i.e. working in layers - Photoshop etc)

1 2 3 4

Short responses

a) What do you hope to learn/achieve during your photography unit?

b) What kind of photographs do you enjoy taking? Please explain why!

During this unit you will be learning many technical skills, working with technology, leaving the classroom/school grounds, and working/collaborating with students. It is very important that you use your time wisely and pay attention to the instructions to make things successful. Therefore very little lead way will be given to students or groups that cannot follow instructions or demonstrate respectful classroom behavior while taking part in the activities. With this in mind please list:

Three people that will help me be successful in this photography unit.

-
-
- 1

Two people that may cause me to get distracted or lose focus. They might make me less successful in the photography unit.

-
-

Please circle the answer.

Will you be bringing in your own camera? Yes No

 If yes, are you comfortable sharing it with someone else in your group? Yes No

Do you have a computer at home that you can use? Yes No

About how many photos do you take a week?

0 a few 10+ 50+ 100+

Camera Don't Make Photographers



Check out Jerry Ghionis

<http://jerryghionisblog.com/2012/05/the-wedding-of-josh-amber-select-shots-taken-with-the-iphone.html>

Unit Outline

-Day 1 (Rule of Thirds)

- Teach rule
- Practice around school

-Day 2 (Elements of Art)

- Texture, Form, Space, Shape, Colour, Value, Line – all available online.
- Show examples / have students identify

-Day 3 (Intro Project)

-Day 4 (Where to shoot from)

- Seeing light (use hand / reflectors)
- Changing angles (use feet / knees)

-Day 5 (Photo walk)

-Day 6 (Editing Basics)

- Pixlr Express
- Pixlr-o-matic
- Explain the Photoshop myth

-Day 7-10 (Shooting / Editing)

Assignment

Photography Portfolio

Over the next few days you will be in charge of creating your own collection of photos showing your understanding of the rule of thirds and of course your creative photography skills mixed with editing.

Shoot, select and edit the photos below. Edit and select your best one for each category.



1 "Portrait"

- A picture of a person.

2 "Line" (see poster)

-A picture that shows line. When looking at this picture your eye is drawn to a pattern created by lines or is lead somewhere by a line.

3 "Shape" (see poster)

-A picture showing shape. Find something that has a pattern or variety of shapes. The more the merrier. When there is enough of this shape or shapes it creates a photo filled with geometry!

4 "Space" (see poster)

-A picture that is taken from an angle that makes a flat image appear three-dimensional. You would think you could walk into the picture.

5 "Colour" (see poster)

-A picture of something that is bright, bold, vivid and gets the attention of the viewer. The first thing that you think of when you see this pictures is COLOUR!

6 "B&W"

-Not only should this obviously be in B&W, but a good B&W photo usually has good value (see poster). Value usually has varying shades of grey.

Assessment

Final Mark

____/25 (24 marks for photos, 1 for practice photo)

Score Levels	Rule of thirds	Visual Appeal	Art Element (Portrait, Line, Shape, Space...)
4	The photo is a perfect example of following the rule of thirds. The main subject of interest is placed on a hotspot and the appropriate lines are used when possible.	The picture looks fantastic and interesting. It is easy to see what the photograph is about. Time was put into taking this picture and there is nothing more that needs to be done in editing this photo. It is not over-edited at all!	The entire picture is clearly a strong demonstration of the chosen element. (Portrait, Line, Shape, Space, or <u>Colour</u>).
3	The photograph is a good example of the rule of thirds. The subject may be slightly off of one of the hotspots or lines.	The picture makes the subject look good and interesting. Either some more care in taking the photo, a bit more editing or less over-editing would have made it fantastic.	Most of the picture is a solid demonstration of the chosen element.
2	The photograph shows a developing understanding of the rule of thirds, but the subject is not close enough to being on a hotspot.	The picture makes the subject look okay, but it is not overly interesting. Possibly a different angle would have made it more interesting, some editing or it may be clearly over edited.	Part of the picture demonstrates the chosen element, but it is not obvious.
1	The photograph is nice, but does not have any parts following the rule of thirds.	There does not seem to be much care put into taking and/or editing this photo. This photo may be WAY over-edited.	The picture does not clearly demonstrate the chosen element.

Portrait ____/4

Line ____/4

Shape ____/4

Space ____/4

Colour ____/4

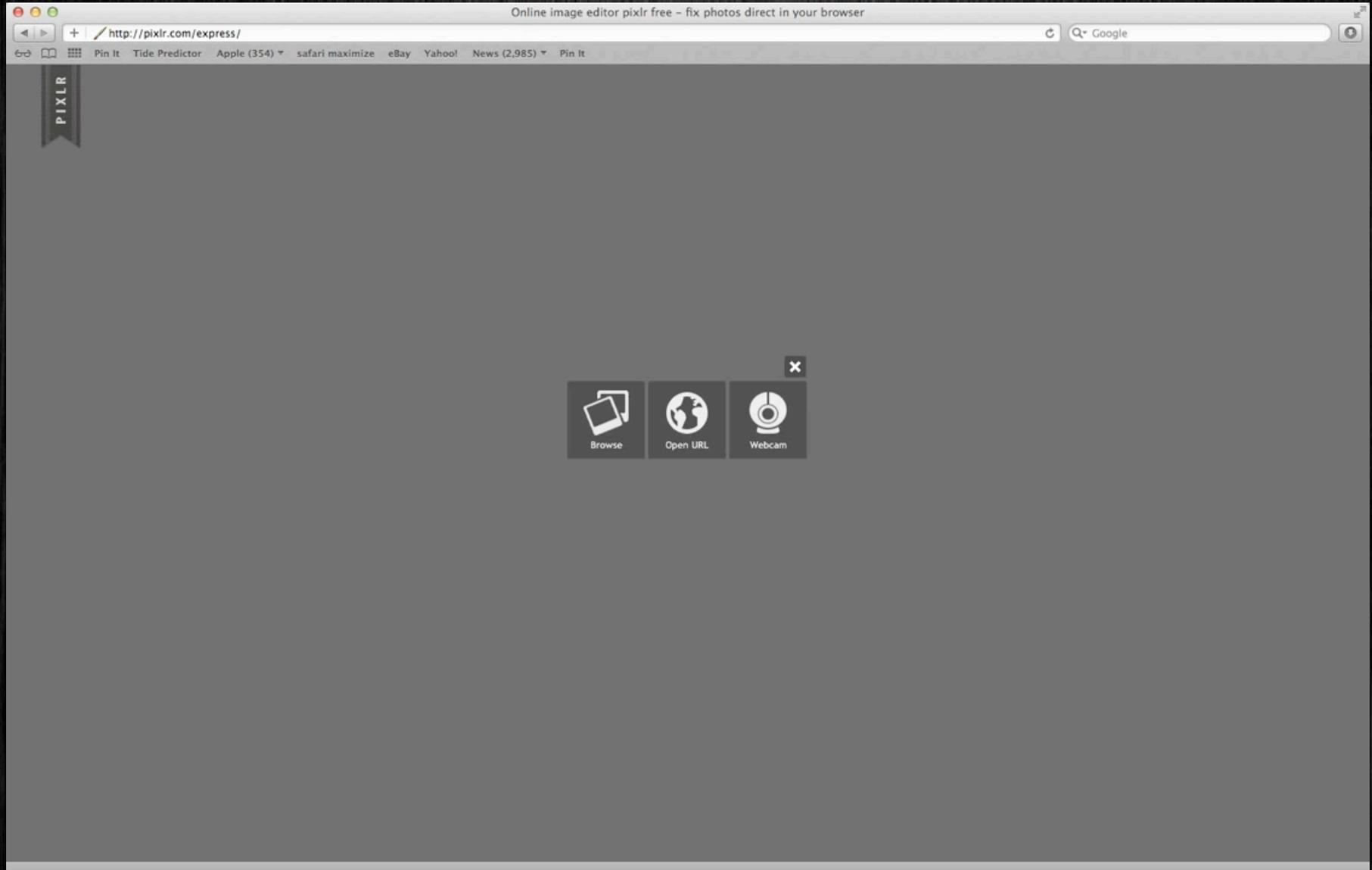
B&W (Value) ____/4

Practice Photo ____/1

Weebly

<http://mrhocker.weebly.com>

Weebly



A Student Project

Photography



Portrait:



Kierra's head is on one of the hot spots, and the horizon is actually uneven, making it rather interesting. This portrait makes you focus on the person, instead of something else entirely.

Line:

This photo of a palm tree has an interesting pattern of lines fanning out from the stem, and the leaves in the background keep it from being too boring.



Shape:



The similar shapes of the seaweed overlap forming a kind of irregular pattern.

Space:

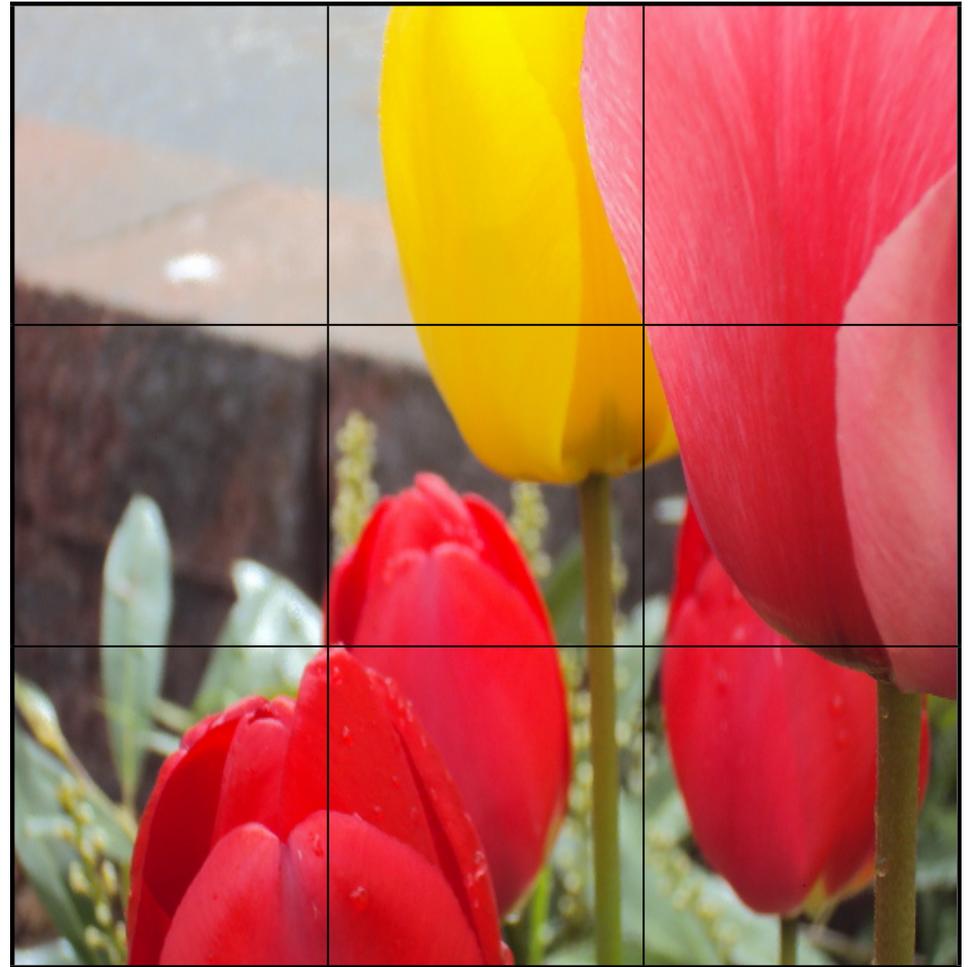
This photo feels like you are going to step into it because of the different sizes of the people in the front and the people in the back.



Colour:



The warm colour of the tulips contrast with the cold colours in behind, therefore, making the colours seem even more vivid. The main areas are on the hot spots.



Animoto

Print and Display



Extensions

- Posing for portraits
- Photo contest of the week / month
- More advanced editing techniques
- Gallery Night

Questions?