

# Incorporating Literacy Creating Positive Learning Opportunities

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# Production Plus

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- What is the purpose
- Hourly / Piece Rate Jobs

- With each student, challenges are presented and opportunities arise.
- When a Student is experiencing difficulty understanding a concept being presented to them, the instructor needs to determine what is the students learning style.
- Do they know how to read? Can they write?
- Do they recognize numbers? If so, can they complete basic math equations

- Boxes
- News Paper
- Sprinklers



# Orange Boxes



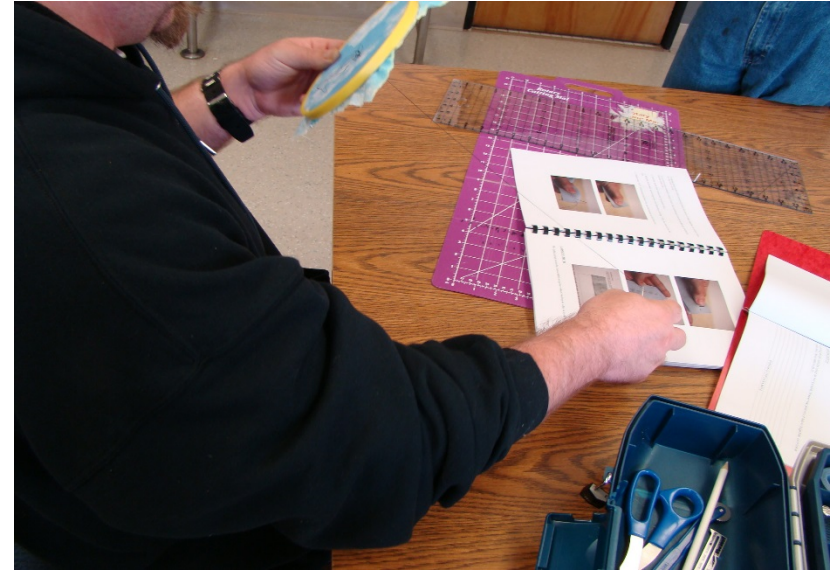




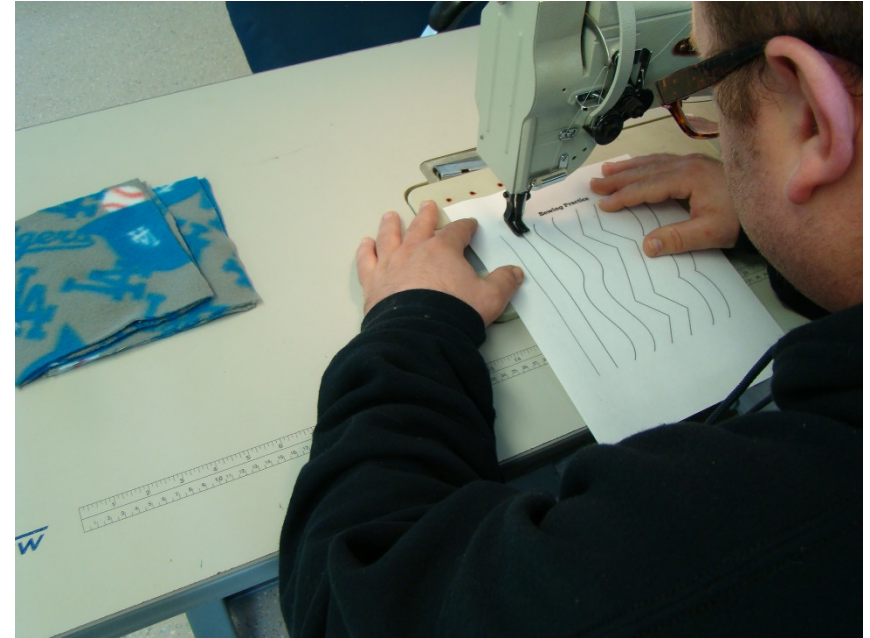
- Application
- Competitive Interview Process
- Hourly Paid Job
- Paint Crew
- Landscaping
- Wood Shop
- Print Shop, Money Management
- Culinary





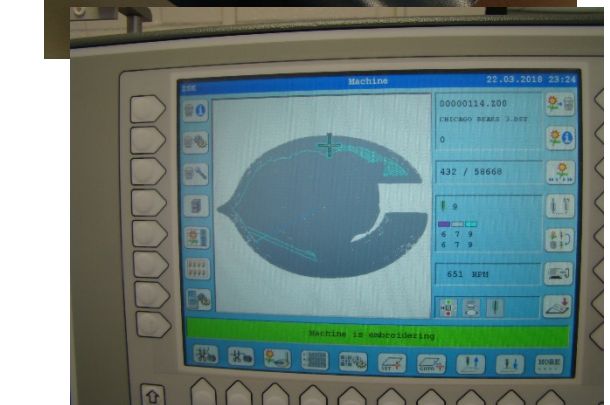
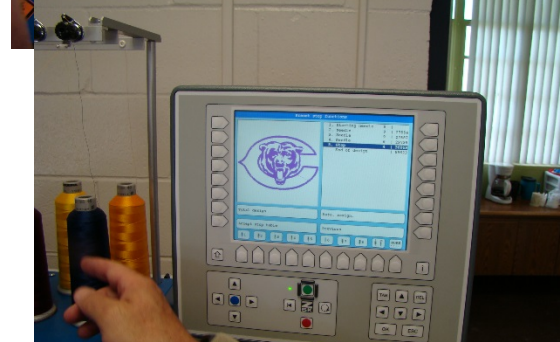
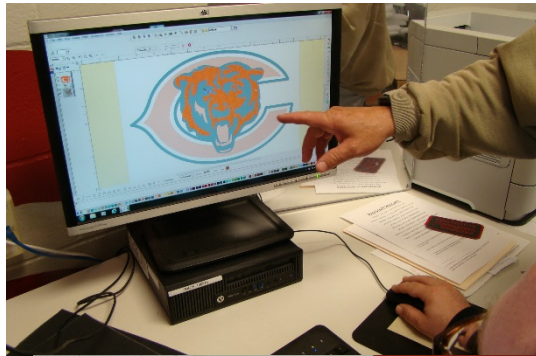


## Basic Sewing Skills



## Learning the Sewing Machine





## ZSK Embroidery Machine



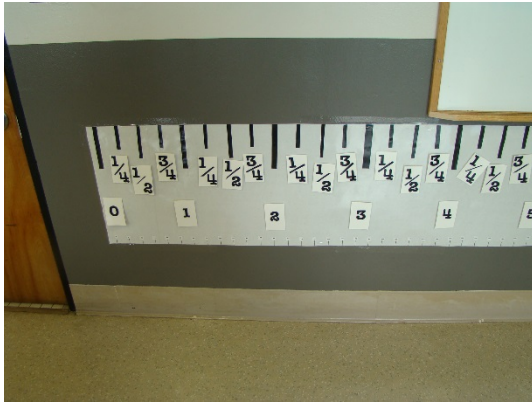
## Disassembling Chairs to be Re-Upholstered







## Using Patterns



## Measurements

# Paint; Topics for Learning

- Trade:
  - I. Tool Recognition / Trade Terminology
  - II. Estimating Materials
  - III. Surface Preparation
  - IV. Hand - Eye Coordination
  
- Employability Skills:
  - I. Personal Appearance
  - II. Professional Attitude
  - III. Reliability
  
- Interpersonal Relations:
  - I. Learning how to listen to the Employer, Customer and Peer requests
  - II. Learning how to communicate a professional response
  
- Retail Sales:
  - I. Mix paint and match paint colors utilizing a Formula Book or Fan Deck
  - II. Receive and Stock Inventory

## Tool Recognition



The Trade

## Ladder Safety



Personal Protective Equipment



# Time Study

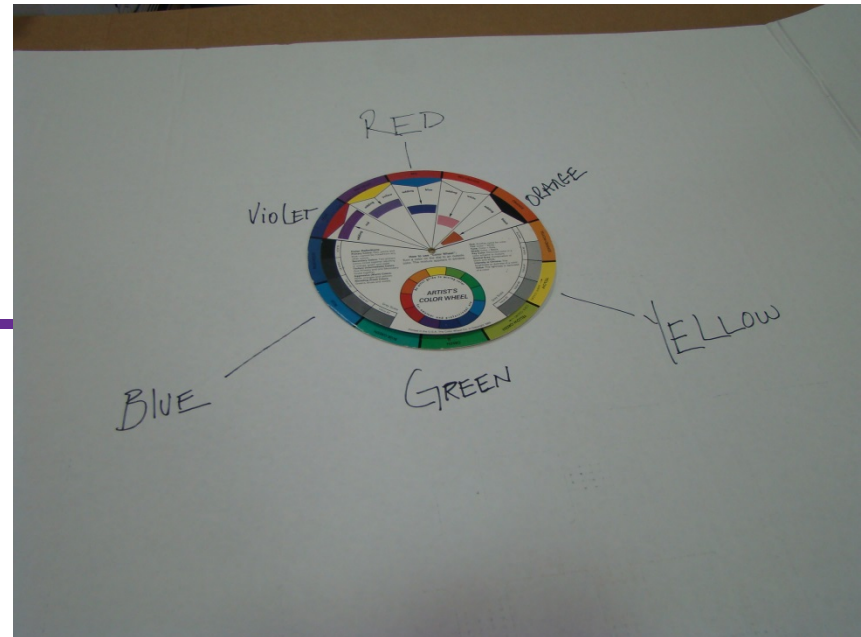
<b>Client Name</b>	john doe	<b>Date</b>	
<b>Employee #</b>	1420	<b>Job No.</b>	004001014 <b>Company # 10</b>
<b>BRIEFF DESCRIPTION OF WORK TO BE PERFORMED</b>		<b>Painter Assistant</b>	
Remove hardware, cut-in edges of door, roll front and back of door, replace hardware, clean tool			
<b>MAJOR STEPS PERFORMED MOST OFTEN TO BE TIMED</b>			
1. Gather appropriate screwdriver to remove door hardware and container for safe keeping of door hardware.			
2. Remove hinges & doorknob. Place in container for safe keeping. Return screwdriver to shadow board.			
3. Painting Tools: <b>For cutting;</b> paintbrush, paint, paint pail, rag, drop cloth. <b>For Rolling;</b> 7" roller frame, 7" roller cover, 7" roller grid, paint bucket, paint, rag, drop cloth.			
4. Lay drop cloth on floor in relation to door being painted. Open paint can. Pour enough paint into two working paint pails to do the job. Using the paintbrush, paint the two edges of the door & paint			
5. Using the 7" roller, roll the front and back of the door. There should be no runs, lines or skipped areas.			
6. Repeat steps 4 & 5.			
7. <b>Clean-up:</b> Paint tools will be cleaned with water in the sink located in the paint crew classroom. Tools will be free of all residual paint, paintbrushes will be correctly replaced in their protective covers.			
8. All tools will be replaced in the appropriate place they came from.			
9. Using the appropriate screwdriver, replace door hardware from container. No screws should be striped or damaged in any way. Doorknob should latch properly when door is opened and closed.			



# Time Study

Non-Disabled Persons Timed in minutes					
	Name	First Trial	Second Trial	Third Trial	Average
	W. MacEachern	28.3000	25.2200	29.5100	30.3433
	J. Johnson	41.5300	44.3200	44.2100	43.3533
	T. Weldon	50.3600	48.5100	45.2200	48.0300
				Total of Average	121.7266
121.7266	divided by number of persons timed =			40.5755	
(average time total)				Normal time	
multiply by 120%	48.6906				
	(standard time)				
	Time to complete	Rework time	Total time	Date	Time of day
First Trial	106.0200	11.0100	117.0300	05/30/2018	0900
Second Trial	105.5300	14.2100	119.7400	06/06/2018	0900
Third Trial	104.4600	15.5400	120.0000	06/06/2018	1300
		Average time	118.9233		
48.6906	divided by	118.9233	equals	0.4094	0.4100
Standard time		clients average		Productivity %	Round up to
multiply by	\$13.67	equals	5.60470		
	(Prevailing wage)		(Hourly rate)		

# Color Wheel



Utilizing the color wheel to show how two Primary Colors make a Secondary Color









# Progressing from the Color Wheel to mixing paint colors.



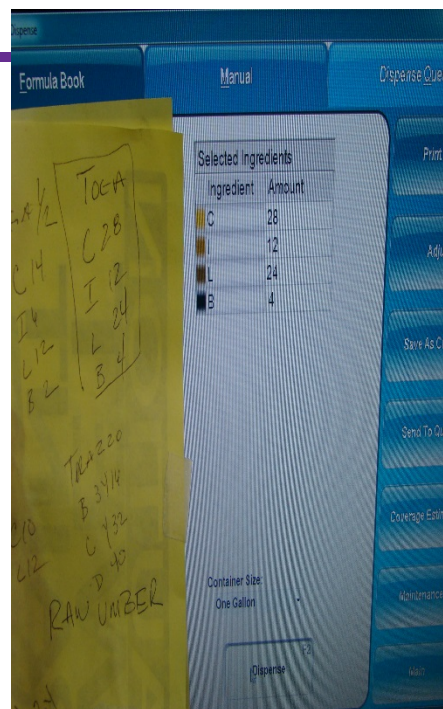
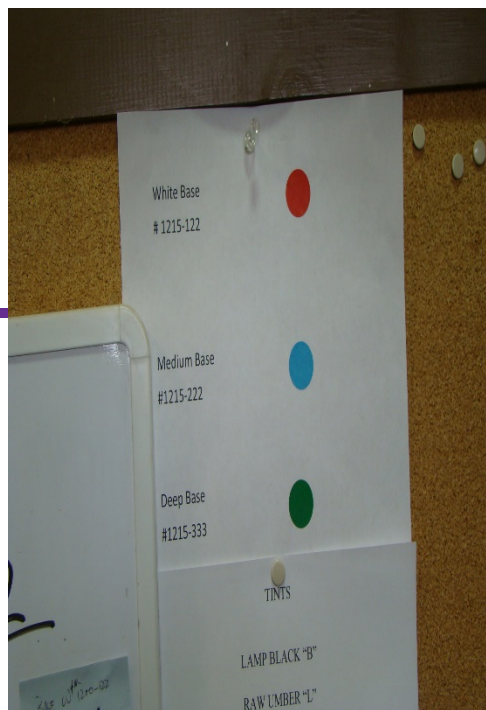


# Transitioning from old to new Technology



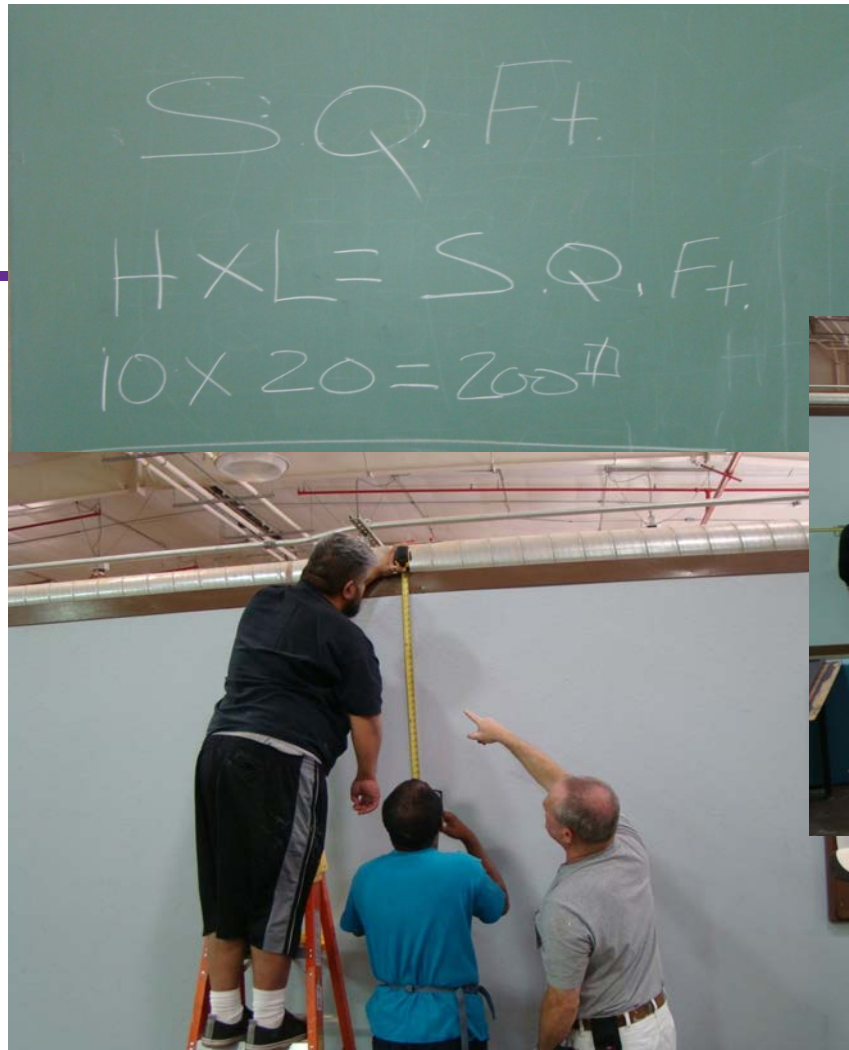


# Creating a Paint Color





# Square Footage Lesson

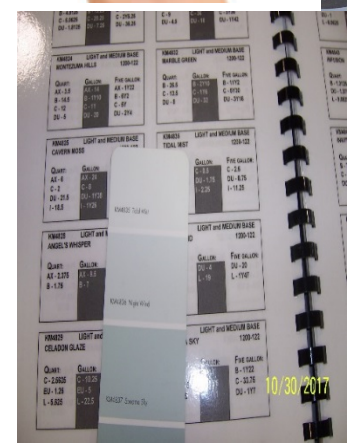


Formula for figuring square feet of a wall





- ✓ Customer Service
- ✓ Color Mixing and Matching
- ✓ Shipping and Receiving



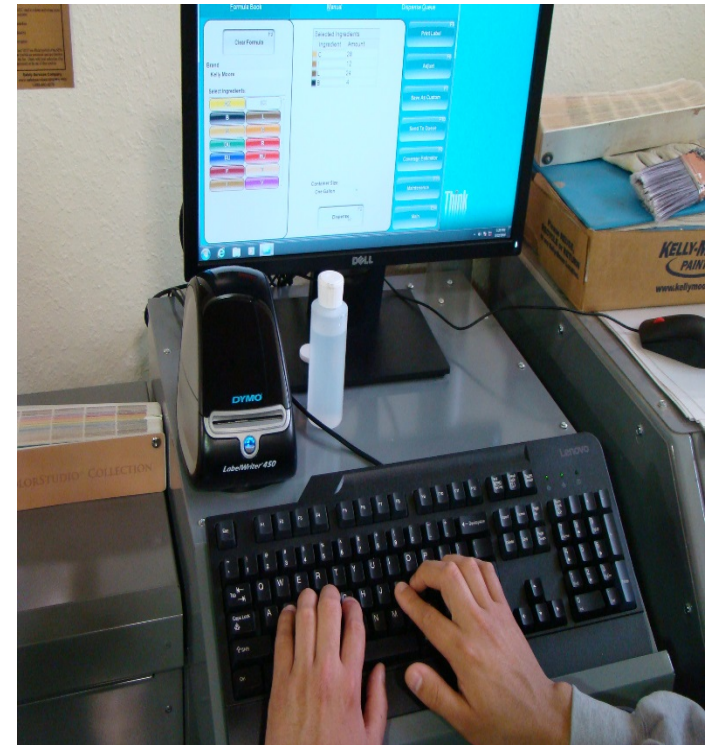
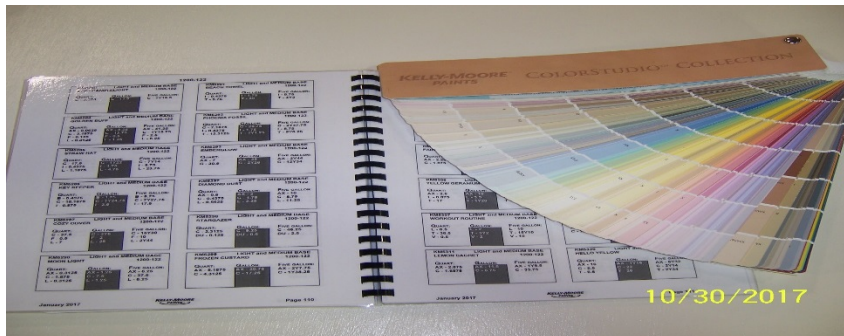
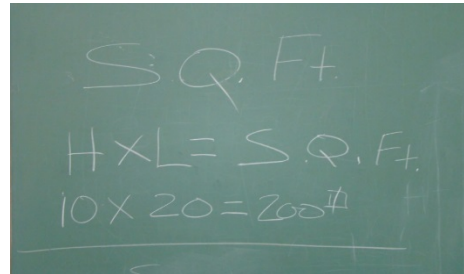
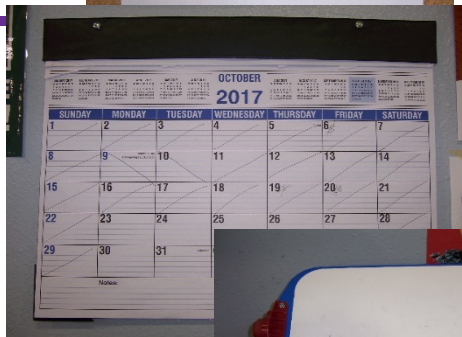
# Interpersonal Relationships





# Literacy Strategies

Color coding bases of paint  
Identifying the days of the Week  
Do the Math  
Doing more Math, Reading and  
Developing Computer Skills





Collaborative project  
Paint Class and Carpenter Class





# American Flag









# Print Shop





# Landscape Class Room



## Skills to be learned

1. Serve Safe Certified
2. kitchen safety
3. measuring accurately
4. How to follow a recipe
5. mixing ingredients
6. proper use of culinary tools
7. Hospitality
8. sanitation



1. Customer service
2. Personal appearance
3. Willingness to learn
4. Constructive criticism
5. Teamwork
6. Attention to Detail
7. Creativity
8. Organization
9. Take directions









# Cleaning and Sanitizing

## Cleaning Vs. Sanitizing

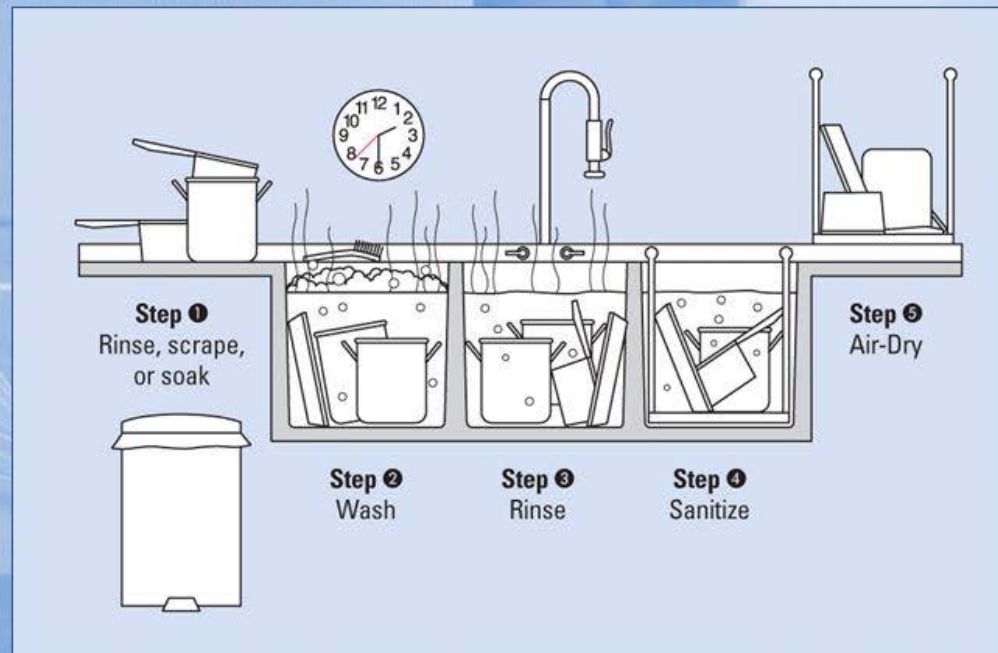
### Cleaning

Process of removing food and other types of soil from a surface


### Sanitizing

Process of reducing the number of microorganisms on a clean surface to safe levels.


## Steps for Cleaning and Sanitizing- Three Compartment Sinks



MAKES 12 TO 18 PANCAKES **PANCAKES** RINDE DE 12 A 18 PANCAKES



**2 Cups Mix**  
CUP MEASURE  
**2 Tazas de Mezcla**  
MEDIDA PARA POLVOS



**1½ Cups Water**  
LIQUID MEASURE  
**1½ Tazas de Agua**  
MEDIDA PARA LÍQUIDOS

- 1. HEAT** skillet over medium-low heat or electric griddle to 375°F.
- 2. COMBINE** all ingredients and stir until large lumps disappear (do not beat or over-mix). Let stand 1-2 minutes to thicken.
- 3. POUR** slightly less than ¼ cup batter for each pancake onto lightly greased skillet.  
*TIP:* For golden brown pancakes, use solid shortening instead of oil, butter, or margarine.
- 4. TURN** when pancakes bubble and bottoms are golden brown.  
*TIP:* For soft and fluffy pancakes, avoid turning them more than once.

- 1. CALIENTE** la sartén a fuego mediano-bajo o en la parrilla eléctrica a 375°F.
- 2. COMBINE** todos los ingredientes y mezcla hasta que desaparezcan los grumos grandes (no los bata ni mezcle demasiado). Déjelo reposar de 1 a 2 minutos para que se espese.
- 3. VIERTA** lentamente menos de ¼ de taza de mezcla para cada pancake sobre la sartén levemente engrasada.  
*CONSEJO:* Para pancakes doraditos, use grasa sólida vegetal en lugar de aceite, mantequilla o margarina.
- 4. VOLTEAR** los pancakes cuando hagan burbujas y la parte de abajo esté dorada.  
*CONSEJO:* Para pancakes suaves y esponjitos, evite voltearlos más de una vez.

**TRY MAKING BREAKFAST FOR DINNER!**

**BRINNER SANDWICHES**

**What You'll Need**

- 2 cups of Aunt Jemima® Buttermilk Complete Pancake & Waffle Mix
- 1½ cups of water
- 1 package of bacon
- 7 eggs
- 7 slices of cheddar cheese

MAKES 7- 8 SANDWICHES

**What You'll Do**

- 1.** In a medium skillet, cook bacon slices until golden brown. Remove from grease and pat dry with a paper towel.
- 2.** In a separate skillet, prepare Aunt Jemima® Buttermilk Complete pancakes according to the directions above.
- 3.** In the same pan, gently crack one egg at a time. Cook until the white of the egg is opaque and the yolk has set, about 1 to 2 minutes. Top each egg with one slice of cheddar cheese.
- 4.** Using two pancakes, assemble each sandwich using 1 egg with cheese and 3 strips of bacon. For a hint of sweetness, drizzle Aunt Jemima® Original Syrup over bacon.

MORE RECIPES ONLINE AT [www.auntjemima.com](http://www.auntjemima.com)  
PARA MÁS RECETAS





# Basic cooking skills





- 1. FIFO -first in first out
- Danger zone- The temperature danger zone is 40° F to 135° F, the range in which pathogenic bacteria can multiply rapidly in a food and possibly cause foodborne disease
- Cross- contamination- the process by which bacteria or other microorganisms are unintentionally transferred from one substance or object to another, with harmful effect.
- Cleaning and sanitizing- Cleaning removes food and other types of soil from a surface such as a countertop or plate. Sanitizing reduces the number of pathogens on that clean surface to safe levels. To be effective, cleaning and sanitizing must be a 4-step process. Surfaces must be cleaned, rinsed, sanitized, and allowed to air dry

1. Using recipes
2. Color coding measuring cups
3. Training videos
4. Various learning activities.
5. Repetition
6. Peers pairing

- Ultimate Goal
- To be able to use their culinary skills independently.
- To become Safe Server Certified.
- To be prepared to intergrade in to community with skill learned that they can apply to a culinary related jobs





Printing & Graphic Arts Education Program

- Production Plus Print & Graphics is the name of our full service print shop/classroom. We have acquired new and modern equipment, machinery and software to give each student the understanding of bringing any concept through to completion.
- Students are given projects and lessons using mostly Adobe Photoshop software. They have made substantial progress in their computer use and design skills.
- This program and the progress we've made has had such a positive impact on the student's self confidence and vision for their future. They say things like "I'm doing things I never thought possible".

# Our Print Shop can produce a wide variety of products

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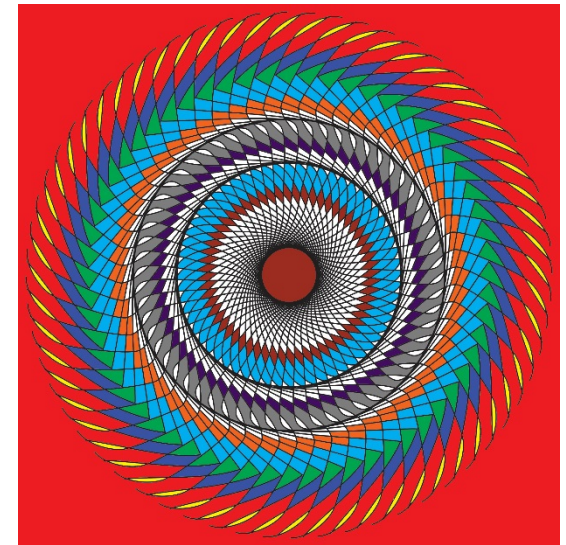
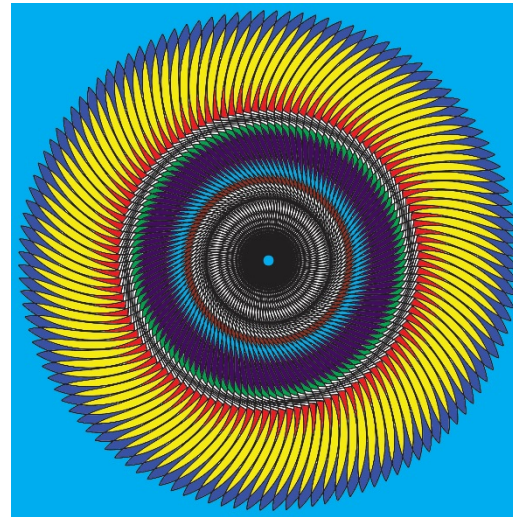
- Business Cards
- Letterhead
- Flyers/Posters
- Books
- Vinyl Banners
- Stickers
- Large Posters
- Invitations
- Announcements
- T-Shirts
- Vehicle Graphics
- Yearbooks
- Programs
- Photo Restorations



## Student work

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Students are given written directions for certain projects so they can practice and remember the steps to achieve the design goal. Pictured is student Spirograph drawn in Adobe Illustrator and then brought into Photoshop to color.



# Beginning Students

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BEGINNERS ARE GIVEN COLORING PAGES TO ADD THEIR OWN COLOR.

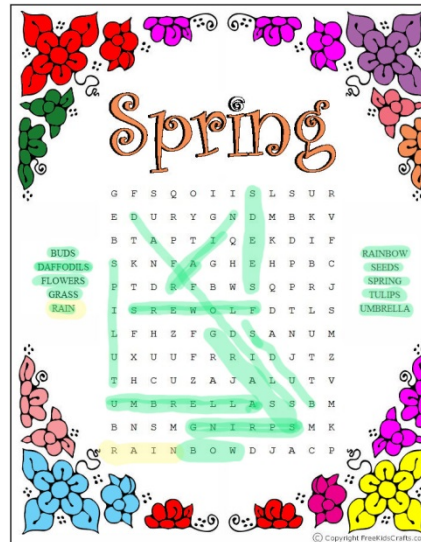


THIS HELPS THEM GET FAMILIAR WITH THE BASIC TOOLS OF THE PROGRAM.

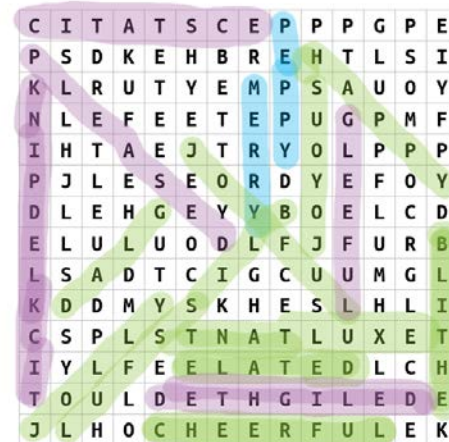


# Downtime projects for fun and literacy

Students have the option to work on puzzles and word finds using Photoshop tools. If they need a break from design they have folders with other projects to work on that still challenge them and they can learn from.



Words meaning "Happy"



- ELATED
- JOYOUS
- JOLLY
- PLEASED
- GLEEFUL
- HAPPY
- CHEERFUL
- GLAD
- JOYFUL
- BLISSFUL
- PEPPY
- TICKLED PINK
- DELIGHTED
- MERRY
- EXULTANT
- ECSTATIC
- BLITHE

Play this puzzle online at : <http://thewordsearch.com/puzzle/73/>



# Adding Color to Old Black & White Photos



## Color & creativity

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Students learn to use Photoshop filters and tools to add color, texture, gradients and layered backgrounds to make beautiful new creations.



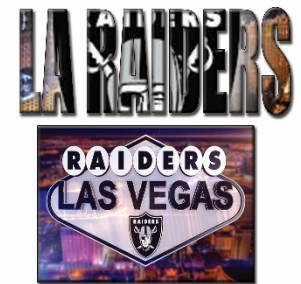
Students learned to put images into type and different ways to use the technique in designs

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HAPPY 4TH OF JULY

FORBARI

49ERS GOLD

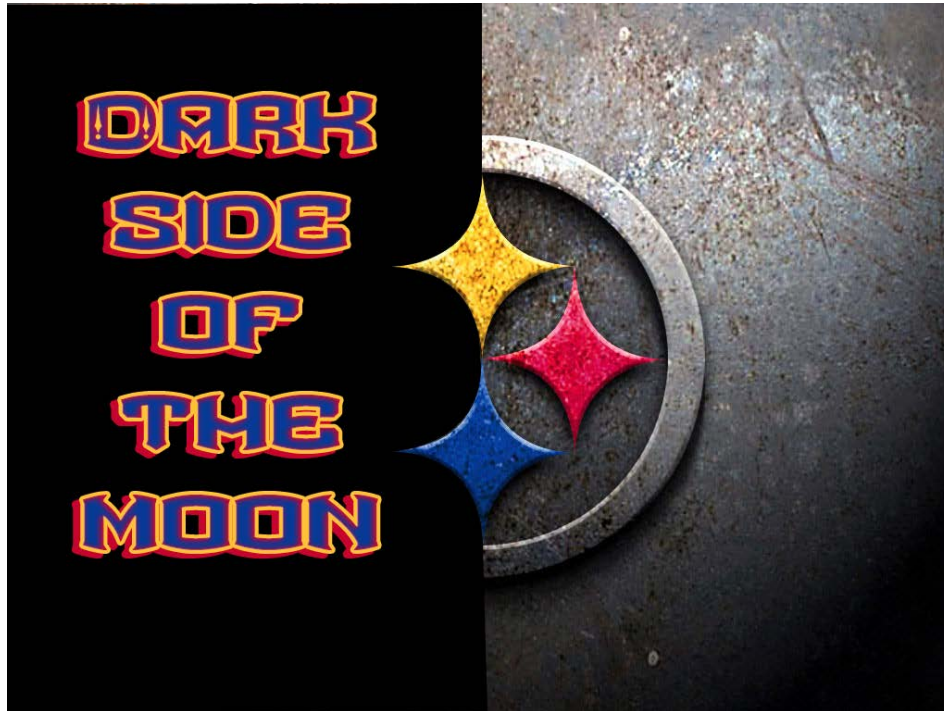






Students have reached a level of working ability to completely work independently on projects that interest them and create their own projects.





This is an example of what's happening more and more. Staff and other clients are ordering posters, shirts, stickers and the designs are completely done by students. This was a poster that was ordered and purchased by a staff member and custom designed, printed and laminated by a student.

The success of the STA Craft Fair showcased our student work and brought in more projects for students to design and print.



Critique - Students are encouraged to be creative . They must also learn to take input from the class and instructors on how their design might be improved. Designers must learn to be flexible and able to make changes the customer might want.

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## Student Creativity



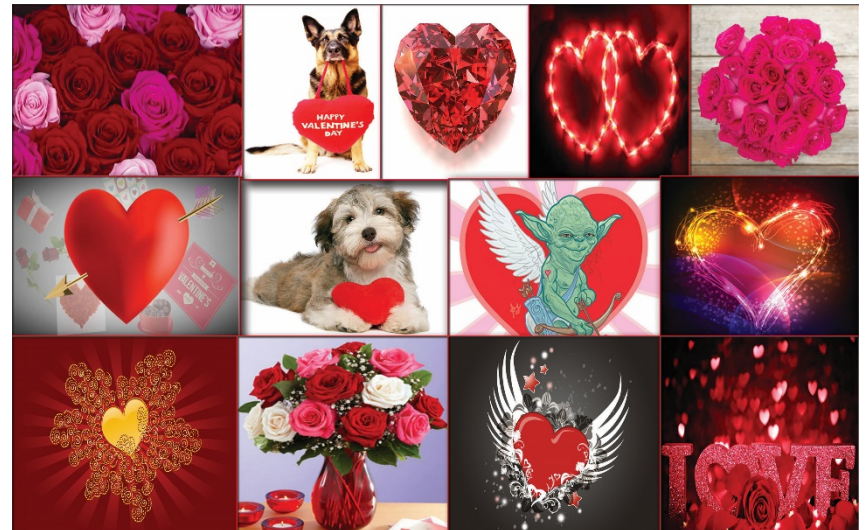
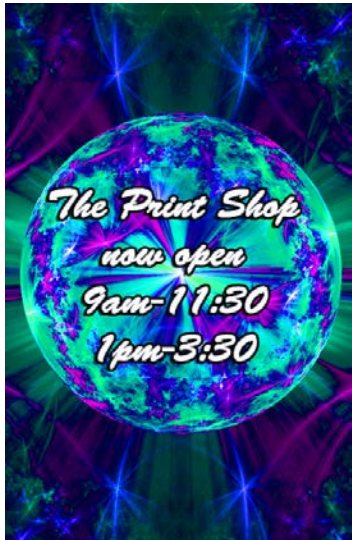




# Competitive & Holiday Projects

WE OCCASIONALLY HAVE  
SIGN/DESIGN MAKING  
COMPETITIONS

WE CREATE HOLIDAY POSTERS,  
CARDS AND CALENDARS





## T-Shirts

Prior to getting our new Epson T-shirt printer, we had students visualize how they would design shirts and then talked about proper placement of images etc., This was an early version and they have since become better at it in real shirt printing. They design and print their own and for others.



- Success stories are starting to emerge from this new training program. We create a learning environment tailored to each individual student and work in the areas they need for success in their future.
- Literacy, spelling and typing skill are also emphasized in this job training program. We have added software to help engage each student with realizing their own learning potential.
- Each student is encouraged to participate in job interview practice and upon completion of the program, they're given a portfolio of their work, a letter of recommendation, and resume to help them with future employment.

# Thank You for Attending!

- Be sure to visit the CASAS website at [www.casas.org](http://www.casas.org)
- Follow us on Twitter [twitter.com/CASASsystem](https://twitter.com/CASASsystem) and use the hashtag [#casassi2018](https://twitter.com/hashtag/casassi2018) to tweet updates, photos, and stories.
- Keep in touch with Facebook [facebook.com/CASASsystem](https://facebook.com/CASASsystem) use the hashtag [#casassi2018](https://twitter.com/hashtag/casassi2018) to share photos and post stories.
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