▶ **Activity Sheets (60 points)**

You are responsible for completing the activity sheets listed in the grade sheet below. Before moving to the lab, you will be tested on your knowledge of equipment and processes. You must be able to explain all equipment, chemicals and processes before printing your design.

▶ **Oral Test (100 points)**

Instructor will assess your knowledge of the materials and process of screen printing prior to printing.

▶ **Live Work / Project (100 points)**

You are responsible for operating the screen printing department of the lab during this unit, which will include making screens, printing jobs, and reclaiming screens. If live work is not in the lab, then a 2-color design will be created and printed on the screen printing press. This design will be a loose registration design.
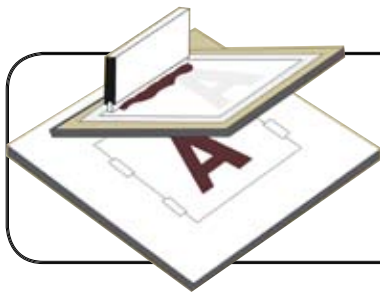
▶ **Documentation (100 points)**

Create a page layout in which you document materials, equipment, time and project schedule during all phases of your t-shirt design.

ACTIVITY GUIDE GRADE SHEET		
	POSSIBLE POINTS	**POINTS EARNED**
▶ **Activity Sheets** *(60 points)*		
❏ SP-1: Screen Printing Review *20*		_____
❏ SP-2: Clean-up and Reclaiming *20*		_____
❏ SP-3: Stencil Creation Research *20*		_____
▶ **Test** *(100 points)*		
❏ Screen Printing Test (Oral Test) *100*		_____
▶ **Live Work / Project** *(100 points)*		
❏ SP-4: Approval of Stencil 100		_____
▶ **Documentation** *(100 points)*		
❏ SP-5: Create Layout Documenting Your Screen Printing Experience.. 100		_____
Off-Task Deductions: .... (-20 points each)		_____
▶ **Total**	***360***	_____

Off Task Deductions:
(Each time you are found off task it will be marked and a 20 point deduction will incur)

SP-1 Screen Printing Review

Name _____

▶ Screen Prep

Screens are degreased to remove oils from their surface. It is very important that once degreasing is completed; you do no place your fingers on the screen because your fingertips contain oil. List below the steps in degreasing your screen.
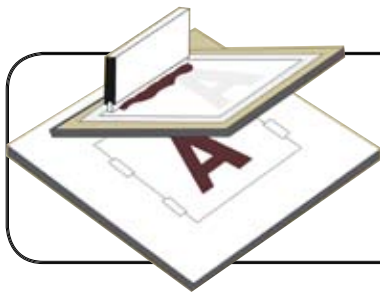
▶ Coating the Screen

List below the steps in coating the screen with direct emulsion and drying it.

▶ Storing Screens

How should screens be stored?

For how long?

SP-2 Clean-up and Reclaiming
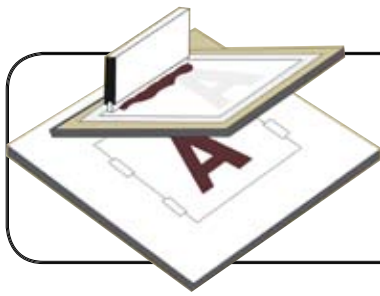
Name _____

▶ Removing the Ink

1. List the steps in removing ink from a screen.

2. It is important to work with the correct solvents. What solvent is used in our lab with plastisol inks?

▶ Reclaiming the Screen

3. List the materials used in reclaiming the screen.

4. List the steps in reclaiming the screen.

SP-3: Stencil Creation Research

Name _____

DIRECTIONS: Use the internet and find 3 methods of creating stencils for screen printing.

Method #1: (website address:_____)

Materials Needed:

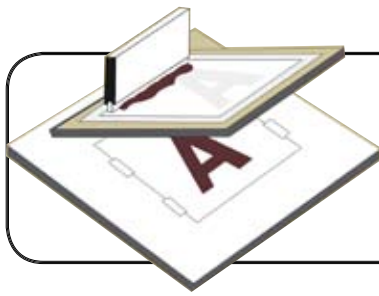**Explain Method:**

Method #2: (website address:_____)

Materials Needed:

Explain Method:

Method #3: (website address:_____)

    Materials Needed:

    Explain Method:

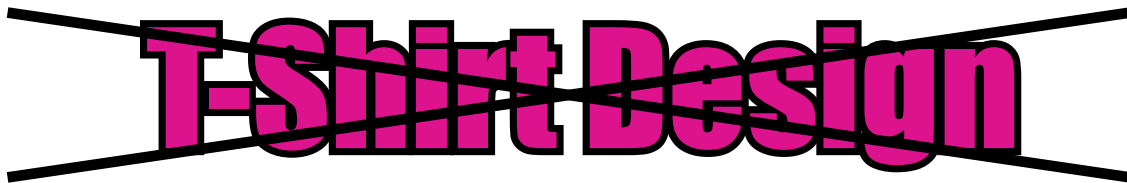## SP-4: Stencil Creation

Name _____

OBJECTIVE: *Team member will use computer software or approved method from stencil generation research to generate a 2 color design.*

Vocabulary: Use any of the available Graphic Communications and look up the following words:
- Registration:

- Registration Marks:

Create 2 color design.
The design must use 2 colors and designed using <u>loose registration</u>. See sample below:

Tight Registration
colors are in very close proximity to each other - there is no room for error
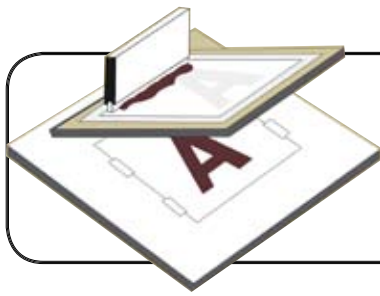*This method may be done in future projects as your skill level progresses.*

Loose Registration
colors are in close proximity to each other, but they are not touching -
there is room for some movement/alignment of the screens.

Design Attached to this sheet along with this Approval of Design:_____

SP-5: Print Design and Documentation Layout

Name _____

OBJECTIVE: *Print 2 color design onto clothing material. Demonstrate ability to create screens for printing, burn design into screens, print 2 color design, and reclaim screens.*

Documentation:
Ask fellow students to take pictures of you as you go through the steps to create your design. Use these photos to create a layout in InDesign in which you document the process you went through from preparation, design, finished product, and reclaiming the screen.
Include problems/challenges you were faced with and how you fixed or addressed them.

Demonstrate Knowledge:
Produce 2 color t-shirt using materials and equipment in class.
Reclaim screen when finished.