



Republic of the Philippines
Department of Education
REGION III
SCHOOLS DIVISION OFFICE OF NUEVA ECIJA

LEARNING ACTIVITY SHEET
SPECIAL PROGRAM IN ICT 7&8
DIGITAL MEDIA 7&8
First Quarter, Week 6

Name of Learner: _____


Grade/Section: _____ Date: _____

Cropping, Resizing and Rotating

BACKGROUND INFORMATION FOR LEARNERS

Have you experienced modifying your own photo using your phone or any Photo Editing software? To become an effective Photo editor, you need to develop some basic skills like cropping, resizing and rotating. This is what we are going to explore in this lesson. Below are some definition of terms you need to be familiar with.

Cropping is the process of cutting out distracting background and retaining the portions you want to keep. Here are the steps on how to crop an image.

1. Click the Crop Tool from the toolbar, , or simply press “C” on your keyboard. Crop borders will appear on the edges of the photo.
2. Draw a rectangular cropping area or drag the corner and edge handles to specify the crop boundaries in your photo.
3. Specify the Crop options using the Control bar (Optional)
4. Press Enter to crop the photo.

Resizing is the act of changing the dimensions (width and height) of an image. Here are the steps on how to resize an image.

1. Go to the “Image” menu and choose “Image Size” or simply press Alt+ctrl+I
2. Select the “Constrain Proportions” on the check box
3. Choose your preferred measurement including inches, picas, points or percent.
4. Click into “Width” or “Height” box in the Document Size section and type the number of your preferred new size.
5. Click the “OK” button and the window closes, bringing you back to the Photoshop canvas with the image resized.

Rotating, in image editor terms, is the process that allows you to turn an image in a clockwise or counterclockwise direction. For example, many applications allow you to rotate images 90, 180, or 270.

Rotation and Flipping In Adobe Photoshop

To rotate an image in Adobe Photoshop you can use commands from the submenu “Image Rotation”

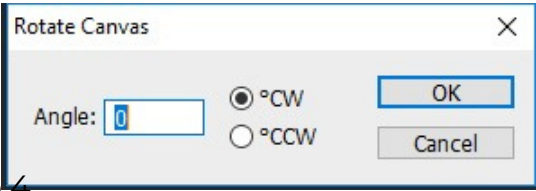
Commands under Image menu:

- 180° - it rotates the image by 180 degrees.
- 90° CW - it rotates the image by 90 degrees clockwise.
- 90° CCW - it rotates the image by 90 degrees anticlockwise.
- Arbitrary - this command rotates the image by an arbitrary angle. For this purpose:

Step 1. select the command from the menu

Step 2. Click Arbitratry

Step 3. specify the angle and direction of the rotation - clockwise or counterclockwise;



Step 4. press the button OK.

To flip an image in Adobe Photoshop you can use the following commands from the menu Image - Rotate Image:

- Flip Horizontal - it mirrors the image as to the standing axis, i.e. interchanges the left and the right parts of the image;
- Flip Vertical - it mirrors the image as to the horizontal axis, i.e. it turns the image upside down.

LEARNING COMPETENCY

Transform images using crop, resize and rotate tools

ACTIVITIES

ACTIVITY 1

Directions: Arrange the steps on how to CROP an image. Write the letters of your choice on the space provided.

A.Press Enter B. Press “C” on your keyboard

C. Draw a new cropping areaD. Specify the Crop options using the Control bar

STEP 1 :
STEP 2
: STEP
3 :
STEP 4 :

ACTIVITY 2

Directions: Arrange the steps on how to ROTATE an image. Write the letters of your choice on the space provided.

A. specify the direction of the rotation

B. press the OK button

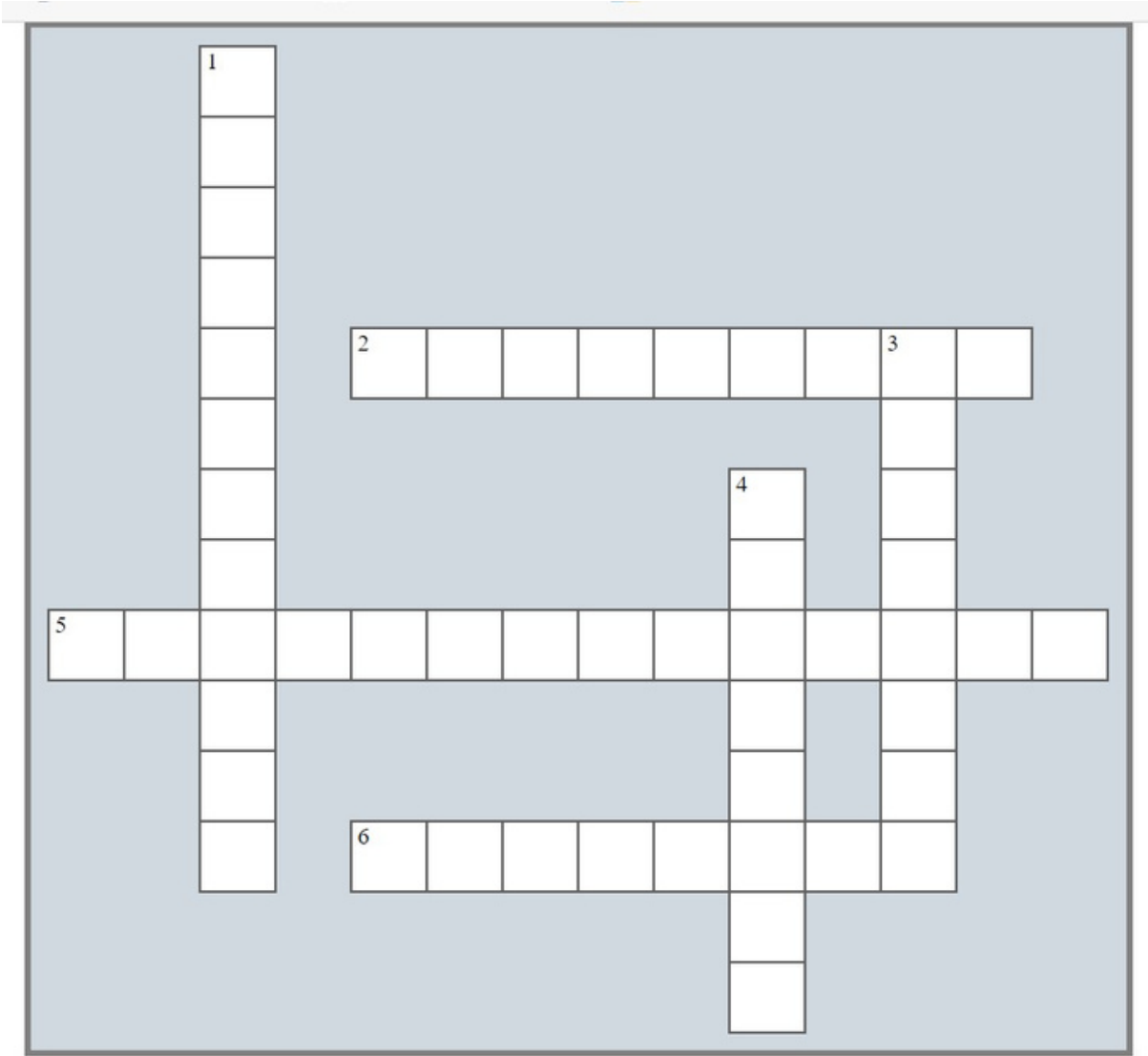
C. select the command from the menu

D. enter the value of the rotation angle in degrees

STEP 1 :
----- STEP 2
: ----- STEP
3 : -----
STEP 4 :

ACTIVITY 3

Directions: Read the questions/clues carefully. Fill up the puzzle with their corresponding numbers.



CLUES

Across

- 2. this command rotates the image by an arbitrary angle
- 5. it mirrors the image as to the standing axis
- 6. The act of changing the dimensions (width and height) of an image

Down

- 1. it mirrors the image as to the horizontal axis
- 3. a feature that allows you to turn an image in a clockwise or counterclockwise direction
- 4. The process of cutting out distracting background

REFLECTIONS

Cite an example in your life where you can relate cropping, resizing and rotating images. Why and what do you want to “crop, resize or rotate” things in your life?

REFERENCES

How to Crop and Straighten Photos in Photoshop. (n.d.). Retrieved November 03, 2020, from <https://helpx.adobe.com/photoshop/using/crop-straighten-photos.html>

“Computer Hope's Free Computer Help.” Accessed November 3, 2020. <https://www.computerhope.com/>.

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