

Cartoon Project

Recommended grades level(s) 9-12

Time Duration: - 60 minutes

Objective(s):

The learner will be able to use their knowledge of ratio and proportion to expand a cartoon picture.

The learner will be able to clarify thinking about mathematical ideas relationships.

Materials and/or Resources:

Cartoon pictures, approximately 2.5 x 2.5 in.

White 8.5 x 11 in. sheets of paper

Pencils

Rulers

Crayons

Construction paper

Background Information:

This cartoon project is a fun activity that allows students to use their knowledge of ratio and proportion.

Procedures:

1. Students need to bring in one square of a cartoon line, usually found in the comic section of a newspaper.
2. Students will use a ruler to draw vertical and horizontal lines (a grid) over a cartoon.
3. The spacing between the lines should be about 1 cm. After the students have completed drawing the grid over the cartoon square, they will draw another grid over the entire sheet of white 8.5 x 11 in. paper. The spacing between the lines for this sheet should be about 1 inch.
4. Now the students must draw free-hand, square by square until the cartoon is completed and then color using the same colors that were in the original cartoon. The students will copy each square until the cartoon is completed and then color using the same colors that were in the original cartoon.
5. The students should cut off whatever white squares that were not used. Each student needs to mount the original cartoon along with the enlarged cartoon on a piece of construction paper.

Development Resources:

<http://ericir.syr.edu/cgi->

[bin/printlessons.cgi/Virtual/Lessons/Mathematics/Mes.../MEA0210.htm](http://ericir.syr.edu/cgi-bin/printlessons.cgi/Virtual/Lessons/Mathematics/Mes.../MEA0210.htm)