

# SQUARE BY SQUARE

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1. Select a simple picture that is at least 25 square centimeters. Good sources are cartoons, cards, coloring books, etc.
2. On the original picture, draw in a grid of 1cm by 1cm squares.
3. On plain 8 ½ x 11 paper, draw a grid of 2cm by 2cm squares.
4. Following the original, copy each square. The result will be an enlargement.
5. On plain 8 ½ x 11 paper, draw a grid of 2cm by 3cm rectangles ( or 3cm by 2cm). Following the original, copy each square into the corresponding rectangle. The result will be a transformation of the original. It will be an enlargement that is wider or taller.
6. Color the enlargements, and present them in a creative way.

DUE \_\_\_\_\_

\*Late projects will be deducted 5 points per day late.

### GRADING CRITERIA

Turned in on time?	5 points
Original included and 1 cm by 1 cm grid drawn correctly?	10 points
Is original at least 25 square centimeter?	10 points
Are 2 cm by 2 cm grids correctly and neatly drawn?	10 points
Are 2 cm by 3 cm grids correctly and neatly drawn?	10 points
Appearance of 2 cm by 2 cm enlargement?	20 points
Appearance of 2 cm by 3 cm enlargement?	20 points
Creativity and neatness of presentation?	15 points

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TOTAL

100 points