

Title: Duplicate a Picture

Age Group: School Age

Submitted by: **Alicia (Holy Cross)**



Type of Activity: Math Concept

Materials:

- 4 x 6 picture of a close-up side profile
- Ruler
- Pencil
- Scissors
- Tape (optional)

How to Do it:

- On the back of your photo or printed picture, draw straight lines that are 5 mm apart
- Number each section then cut into strips
- Place the numbered strips backwards (i.e. 30, 29, 28...), face-up on a flat surface
- Carefully push up every second strip until there are two groups of strips
- Bring the top pieces together and the bottom pieces together to make 2 pictures
- Now, you can either use the strips as a puzzle or tape them together to create a double picture

Root Skill / Extension:

Cognitive: 4.3 Representation

By manually manipulating the resolution of the picture, your child was able to turn one picture into two.

Extend the learning: Have your child create an 'agamograph'. Check out this link for details:

<https://www.youtube.com/watch?v=8S2pPNRniQk>

Elephant photo courtesy of Shutterstock