



Families & Households Art & Math Lesson Plan

Grade 3
Math/Art

Mathematics Standard 3OA1

Interpret products of whole numbers, e.g. interpret 5×7 as the total number of objects in 5 groups of 7 objects each.

Visual Arts: Standard 3.V.CR.3:

Demonstrate an understanding of the safe and proficient use of materials, tools, and equipment for a variety of artistic processes.

Objective: Students will draw pictures of their families or households and will use those pictures to write multiplication story problems.

Materials:

Drawing paper for each student
Crayons or markers

Procedures:

1. Pass out papers to students. Have each child draw a detailed picture of families or households with crayons or markers. Encourage students to take time and not to rush.
2. When finished, have students identify things in the picture that are in equal groups (eyes, ears, fingers, toes, joints, etc.)
3. Have the students write multiplication equations from their pictures. (5 people with 2 ears each equals 10 ears. $5 \times 2 = 10$)
4. Have each student focus on one attribute in their family. Have each student write a story problem on the back of the picture. Have different students share their story problems with the class.

Adaptations:

Use other pictures with people to make multiplication problems. Use real photographs or paintings.

Younger students: Write basic addition problems.

Older students: Write problems with fractions or ratios.