Help your students make the connection between what they're learning in school and how adults use math in everyday life with this art lesson. Students will sharpen their critical thinking skills and share their ideas for the future.

### Learning Objectives
Students will be able to determine how math is used in everyday life.

### Materials and Preparation
- White paper
- Pencils
- Crayons, colored pencils, or markers

### Key Terms:
- occupation

### Lesson

**Introduction (5 minutes)**

- Gather students together and ask them to brainstorm ideas of what kind of occupation, a career or job, they might be interested in in the future.

**Explicit Instruction/Teacher Modeling (5 minutes)**

- Ask students to start thinking about how different occupations use math. For example: A teacher uses math when grading, teaching, figuring out amounts of materials for student to use, dividing students into groups, and designing lessons for a certain time period.
Guided Practice/Interactive Modeling *(10 minutes)*

- Have students talk about their ideas with each other.
- Ask volunteers to share their ideas with the class.

Independent Working Time *(15 minutes)*

- Send students back to their desks.
- Tell students to write down at least three ways someone with their occupation of interest uses math.
- Have students draw a picture of that person and color it.

Extend

Differentiation

- **Enrichment**: Students who need more of a challenge may think of more than one occupation, and more ways math is used in that occupation, to write about and draw a picture of.
- **Support**: Students who need extra help may partner up with another student to share ideas.
Review

Assessment (5 minutes)

- Read the student's reasoning on how a particular occupation uses math and observe their discussions with other students.

Review and Closing (5 minutes)

- Have the class come back together as a group and ask for volunteers to share their occupation and how they would use math in that job.
- Hang up or display pictures if desired.