



## What Math, What Path?

### TARGET GRADES

Middle School and High School

### OBJECTIVE

Students will research how math is involved in the careers that interest them. Students will brainstorm paths that lead to those careers.

### MATERIALS

- Computers
- Slides: Videos
- Index Cards 3x5 to make career cards

### PREP TIME REQUIRED

15-20 minutes

### PREP STEPS

- Poll students a week or so before to see what careers interest them to make the cards. Prepare career cards where one side has the career that students will research and the other side has the questions. Ex. First side: Musician. Second side: 1. What math is involved? 2. Name two pathways to get to the career.

### ACTIVITY TIME REQUIRED

20-25 minutes

### ACTIVITY INSTRUCTIONS

- Pair students or allow students to choose their partner.
- Have groups pick their career card (merchant, architect, basketball player, musician, FBI, etc.) at random.
- Students will research or brainstorm (if no computer access) the two questions on the back of the card for 15 minutes. Encourage groups to break up the work (one student work on how math is involved and one work on paths).
- Allow 5-10 minutes for students to share to the class.

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