

Learners will understand the importance of mathematical notation and order of operation and be able to apply it correctly.

**Learning Goals**

Learners will be able to think of a mathematical equation as a common language.

Learners will be able to think of a mathematical equation as a path to a goal.

Learners will know and apply the rules for order of operation to solve mathematical equations.

**Assessment Activities**

Discussion

Develop a puzzle using paper, Scratch, etc., with rules that allow everyone to follow the same path

Practice problems, discussion

**Learning Activities**

Watch video in foreign language and discuss why it would be difficult to communicate in a foreign country

Work a maze and/or game with rules to follow to arrive at the end, discuss how those rules can lead everyone to the goal

Read lesson and review sample equations demonstrating order of operations.