



FUN VISUAL MATH PUZZLES

by Cassandra Hayes
Fortuna Elementary School
District



"Visual Emoji Math Puzzles" are math challenges that replace traditional variables with emojis, offering an engaging way to build students' algebraic thinking.

SCAN THE QR CODE TO:



- WATCH THE VIDEO
- DOWNLOAD ADDITIONAL RESOURCES

GRADE LEVEL:



<https://microlearning.ccee-ca.org>

KEY STEPS

1

SELECT AND INTRODUCE THE PUZZLES

- Search for a variety of "visual emoji math puzzles," ensuring they are slightly below the capabilities of your students
- Choose initial puzzles that are solvable using mental math
- For 3rd-6th graders puzzles without order of operations
- For 7th and above, you can opt for puzzles involving order of operations
- Later, you can add more emojis, exponents, and increase the number of operations in an equation

2

STUDENTS CREATE THEIR OWN PUZZLES

- Guide students to create their own visual emoji math puzzles, encouraging them to use school-appropriate emojis, symbols, and shapes
- Walk around the classroom as students work to ensure their math is accurate and their puzzles are well-constructed

3

SOLVE EACH OTHERS' PUZZLES

- When students have completed their puzzles, have them trade with another student and solve each other's puzzles