

Lesson: Mr. Geometry

Lesson level: Grade 2-4

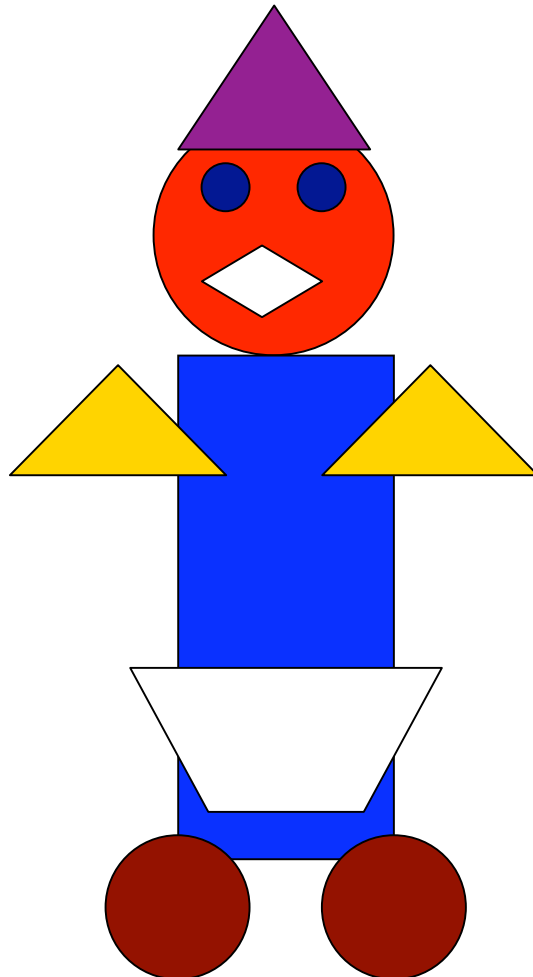
Lesson Aim: Naming 2-D geometric shapes/ algebraic extension

Vocab words: circle, square, polygon, triangles, curves, rhombus

Create Your Own Mr. Geometry

Students use different shapes (pattern blocks) to create their own "Mr. Geometry" and then make a chart of how many of each shape was used:

Shape	Number Used
Circle	5
Square	0
Triangle	3
Rhombus	1
Trapezoid	1
Rectangle	1



Algebra Extension: Students replicate their Mr. Geometry and to fill in chart for multiples

Shape	Number for 1 Mr. Geometry	Number for 2 Mr. Geometries	Number for 3 Mr. Geometries
Circle	5	10	15
Square	0	0	
Triangle	3	6	9
Rhombus	1	2	3
Trapezoid	1	2	3
Rectangle	1	2	3

Are there any patterns?

Can generalizations be made?

Number of circles = number of figures \times 5

Number of Rectangles = number of figures \times 1

How many circles would be used for 7 Mr. Geometries?