

## Teacher:

LeRay Kious

## Grade:

5th Grade

## Curriculum Topic:

Geometry- Classify two-dimensional figures into categories based on their properties.  
(Math)

## Tools:

Osmo - Tangram

<https://www.playosmo.com/en/>

Evernote (app)

<https://evernote.com>

SmartBoard

Tablets

## Synopsis:

Students will play Tangram with their Osmo. The teacher will then put multiple shapes in a category on the SmartBoard (i.e. various quadrilaterals). Students (as a class) will then compare and contrast the shapes to create a definition of a category \*quadrilateral\* (and so forth). Students will discover that attributes belonging to a category of two-dimensional figures also belong to all subcategories of that category. Students will (individually) record these findings and definitions in their choice of graphic organizer in Evernote. Students (sitting in groups of four for peer support) will then use the pieces of their Tangram games and figure out what shapes they think are there and what categories and subcategories the pieces belong to (and why). They will write these notes in Evernote as well.