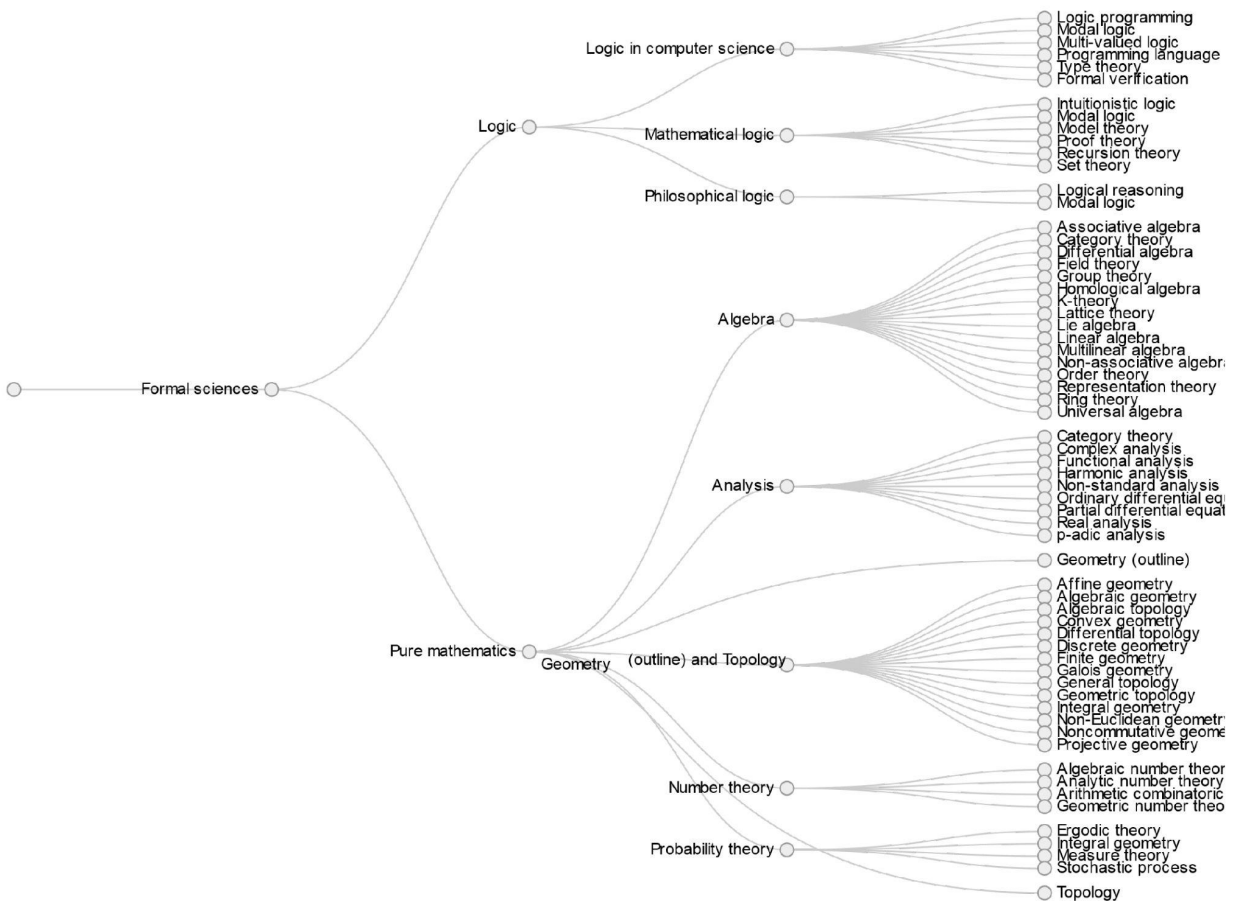# Disciplinary Literacy in Math

Joshua Lawrence's Presentation Handout
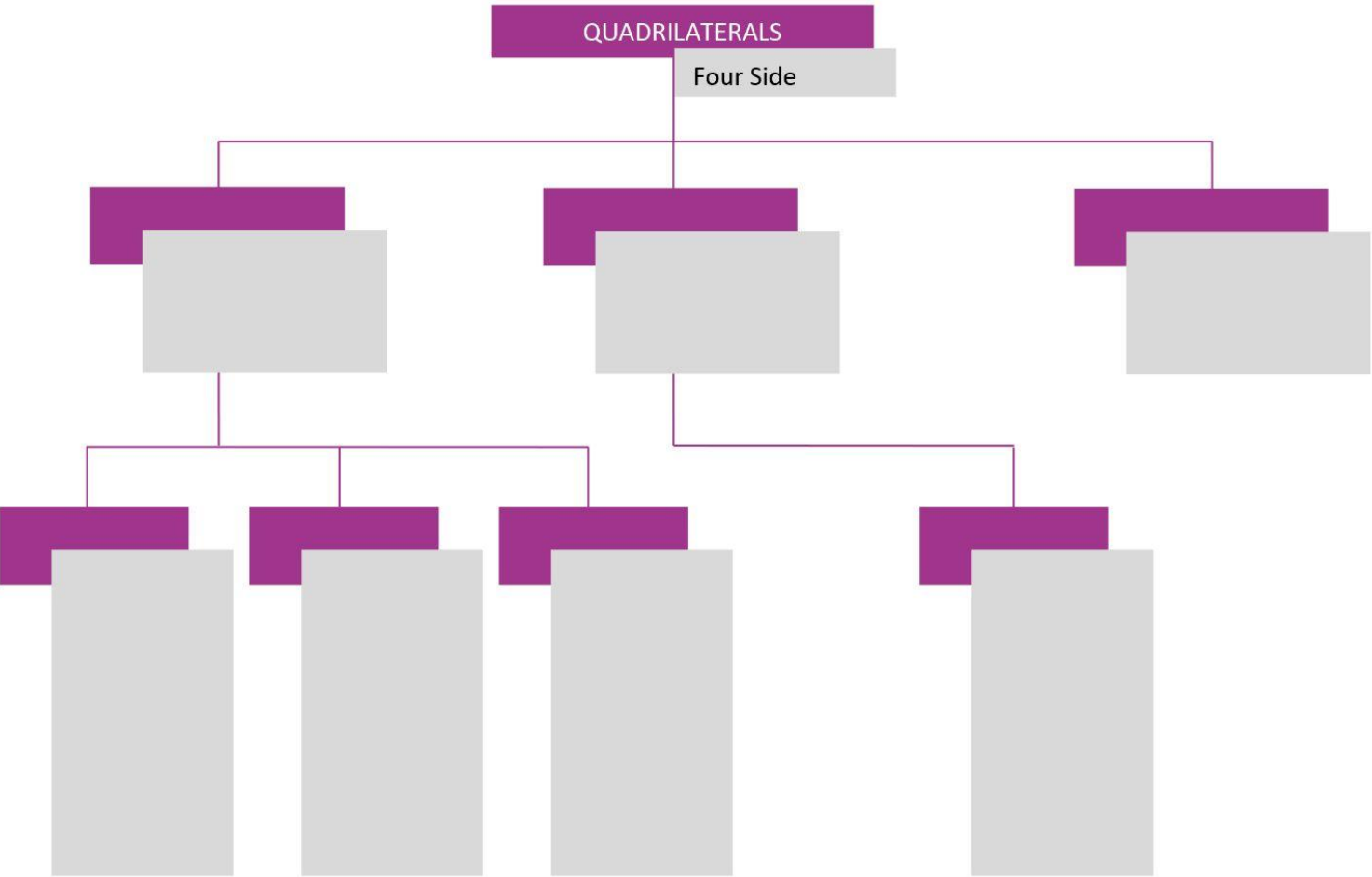
## What are the subdisciplines of math and formal sciences?

# QUADRILATERALS CONCEPT MAP

NAME:

Fill in the seven quadrilaterals (one in each shaded box) in the appropriate location. Write the properties of each in the empty boxes below.

**QUADRILATERALS**

Four Side

# QUADRILATERALS COMPARISON CHART

NAME:

As you read, list the properties in the columns above (if a property appears more than once only write it in one column) once all properties are filled in check off the properties that apply to each figure.

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Quadrilateral | | | | | | | | | | | | | | |
| Parallelogram | | | | | | | | | | | | | | |
| Rectangle | | | | | | | | | | | | | | |
| Rhombus | | | | | | | | | | | | | | |
| Square | | | | | | | | | | | | | | |
| Trapezoid | | | | | | | | | | | | | | |
| Isosceles Trapezoid | | | | | | | | | | | | | | |
| Kite | | | | | | | | | | | | | | |

# CHECKLIST FOR ERROR ANALYSIS

**MATH**

NAME:

TOPIC:

## When solving this problem what are the key elements? (context clues, important details given)

## Why do you think they made that mistake?

## What are some ways they could have checked their answer?

## What is the correct process to solve this problem and record your solution? Could there be multiple solutions, if so, what are they?