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**LOVING THE WORLD THROUGH MATHEMATICS EDUCATION:  
FACILITATING PRODUCTIVE RELATIONSHIPS BETWEEN  
STUDENTS AND TEACHERS WITH MATHEMATICS**

**JOEL AMIDON  
UNIVERSITY OF MISSISSIPPI**

Mathematics



Students

Mathematics



Students

Mathematics



Students

**FREE  
HUGS**

**FREE  
HUGS**



# Problem Space of Teaching

Mathematics



Students

Teacher



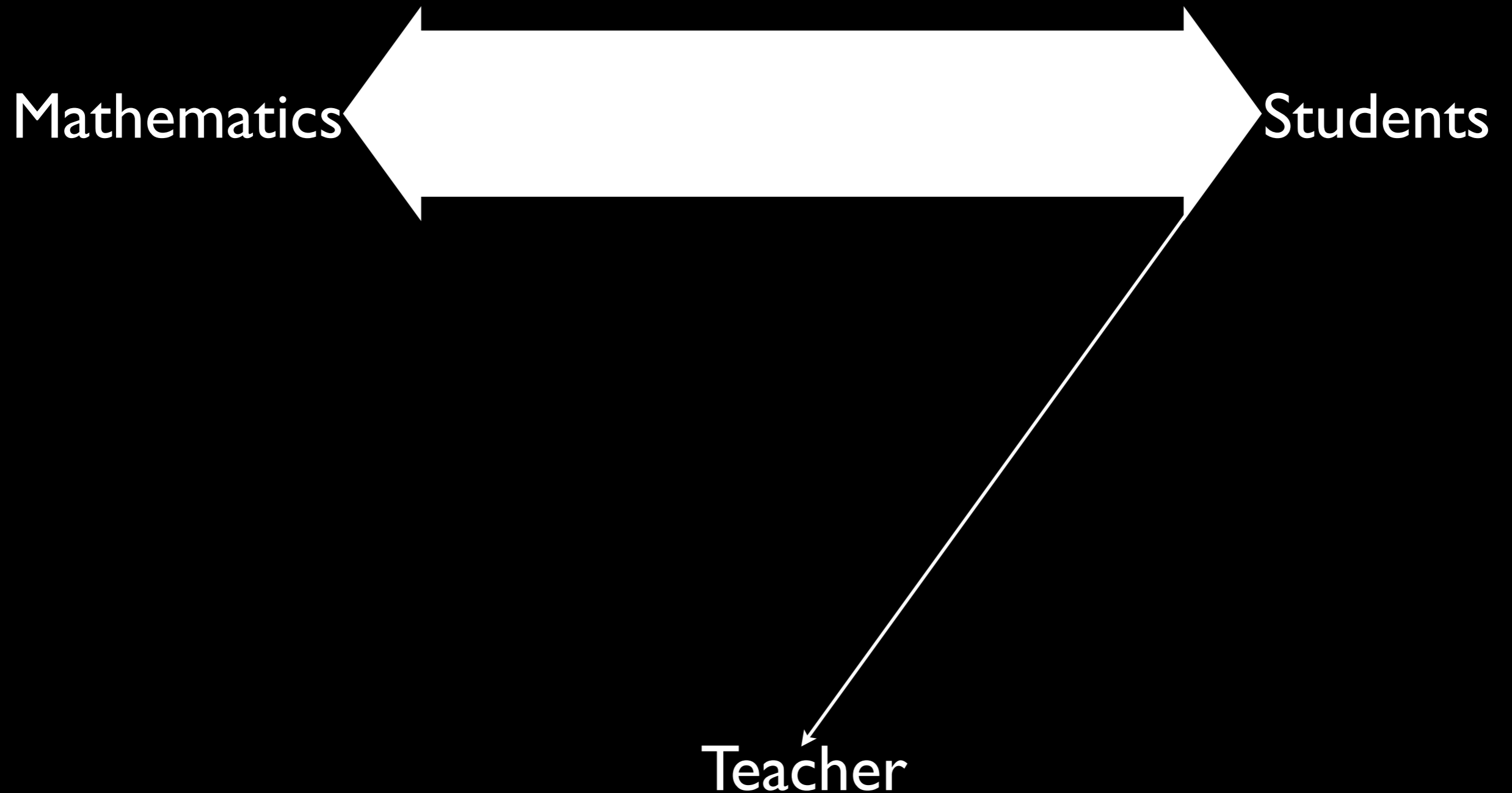
# Problem Space of Teaching



Teacher

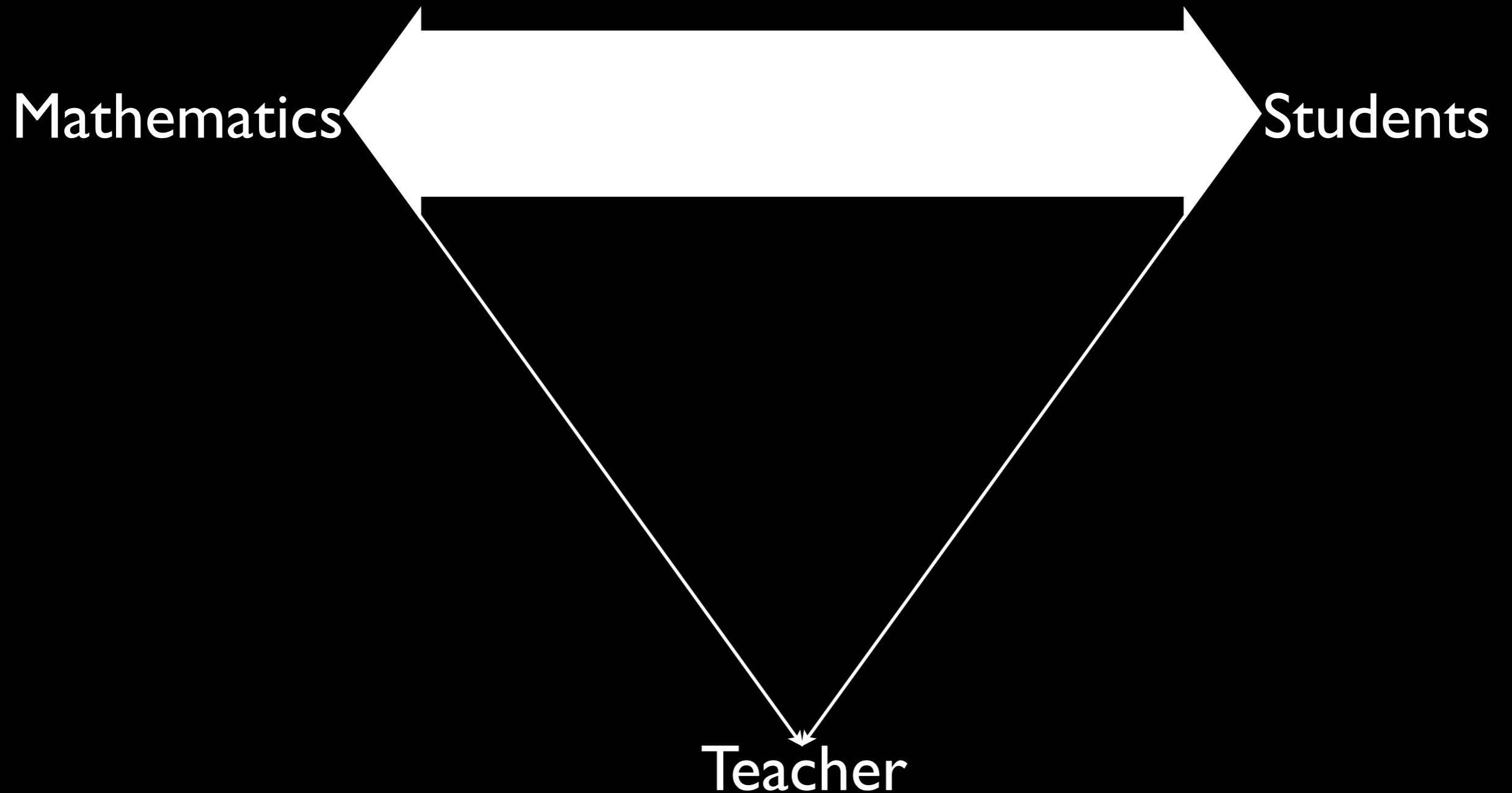
“Teaching actions proceed simultaneously in relations with students, with content, and with the connection between students and content...” (p.33)

# Problem Space of Teaching



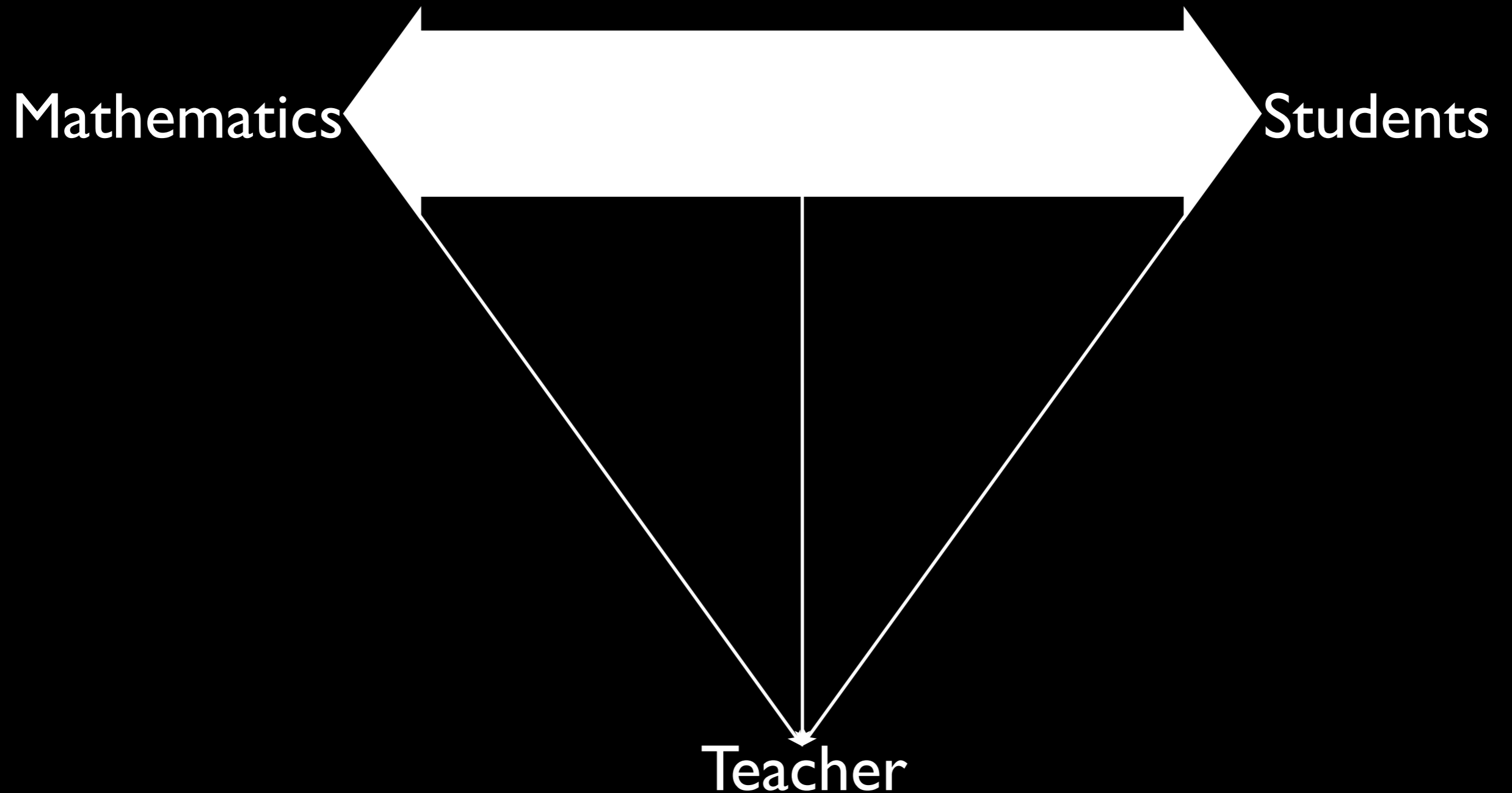
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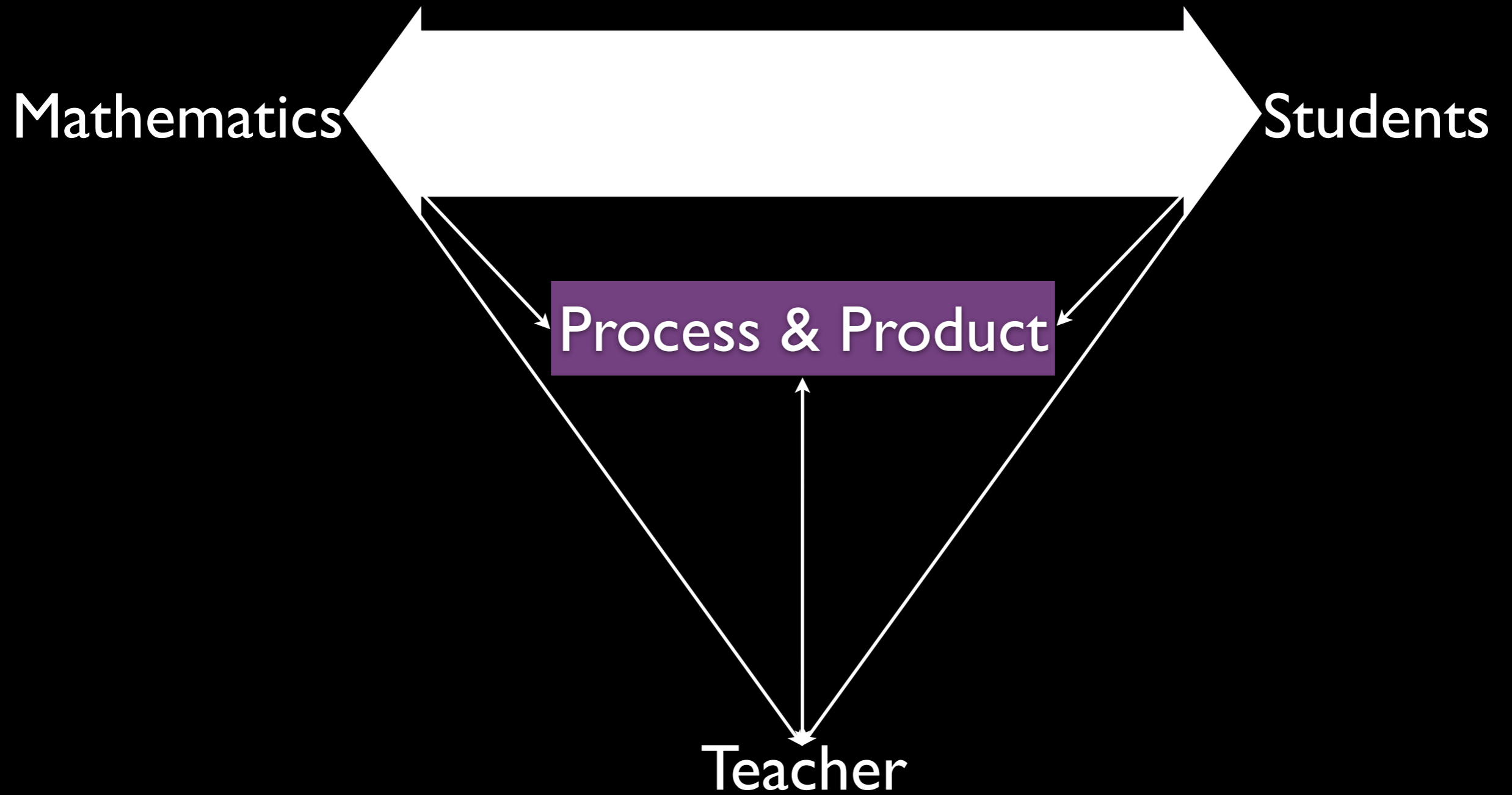


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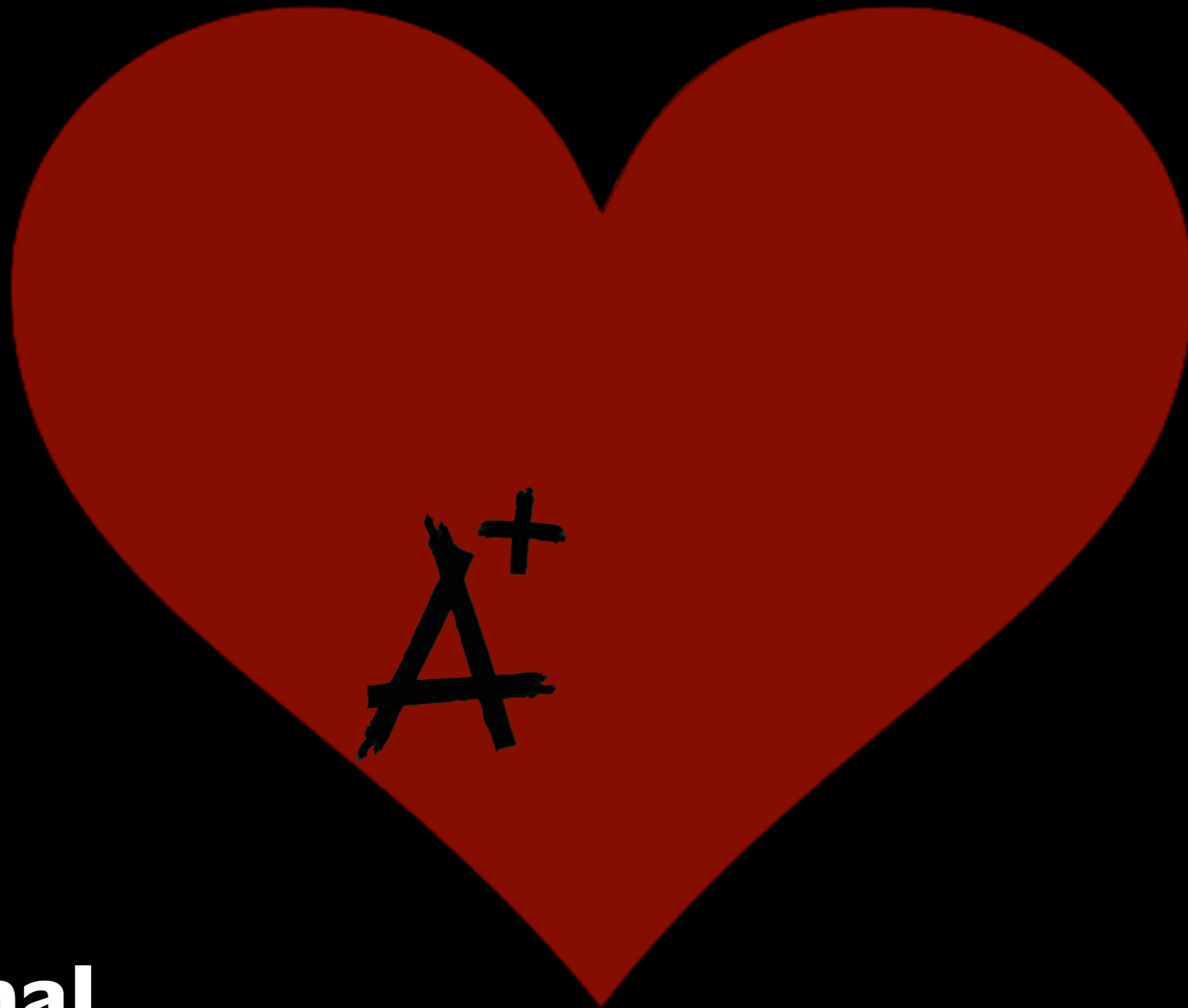
# Problem Space of Teaching



“Teaching actions proceed simultaneously in relations with students, with content, and with the connection between students and content...” (p.33)







## **Functional**

students can work with mathematics to achieve success as defined by society



## **Communal**

students can work with mathematics in and with the contexts and practices of the students' and the students' community





# Critical

students can work with mathematics to analyze and question the world



# Inspirational

students can work with mathematics to vision and progress toward a better world

