

Stoking the Fire

**Putting your Reason for Teaching
Mathematics to Work**

Joel Amidon, PhD

#StokeTheFire
#NCTMNash19

Stand & Deliver

Stand & Deliver

What is your role in math education?

Preach the gospel always. Use words
when necessary.

- Saint Francis of Assisi

ACTIONS

BELIEFS

ACTIONS

BELIEFS

ACTIONS

BELIEFS

What is your reason for teaching?

What is your reason for teaching?

**What is your reason for teaching?
What do you like/don't like about your statement?**

reason for teaching

like

not like

like	not like

ACTIONS

BELIEFS

ACTIONS
ME
BELIEFS

ACTIONS
ME
BELIEFS

A red square box highlights the word "ME" in the text "ACTIONS ME BELIEFS". The box is positioned such that it encloses the word "ME" and the beginning of the word "BELIEFS".

ACTIONS
ME
BELIEFS

Story time...

To help my students succeed in mathematics.

ACTIONS
BELIEFS

To help my students succeed in mathematics.

ACTIONS

BELIEFS

**To help my students succeed in mathematics and
in life.**

ACTIONS
BELIEFS

To help my students succeed in mathematics and in life.

ACTIONS



BELIEFS

To provide the expectations and support for my students to succeed in mathematics and in life.

ACTIONS

BELIEFS

To provide the expectations and support for my students to succeed in mathematics and in life.

ACTIONS



BELIEFS

To lead people to love others through the teaching and learning of mathematics.

ACTIONS

BELIEFS

**What have you seen during the conference
that has shoved your actions/beliefs?**

reason for teaching

like

not like

shove stuff

**What have you seen during the conference
that has shoved your actions/beliefs?**

How would you refine your statement?

reason for teaching

like

not like

shove stuff

refine

**What have you seen during the conference
that has shoved your actions/beliefs?**

How would you refine your statement?

What do you commit to doing?

reason for teaching

like

not like

shove stuff

refine

commit

To lead people to love others through the teaching and learning of mathematics.

ACTIONS

BELIEFS

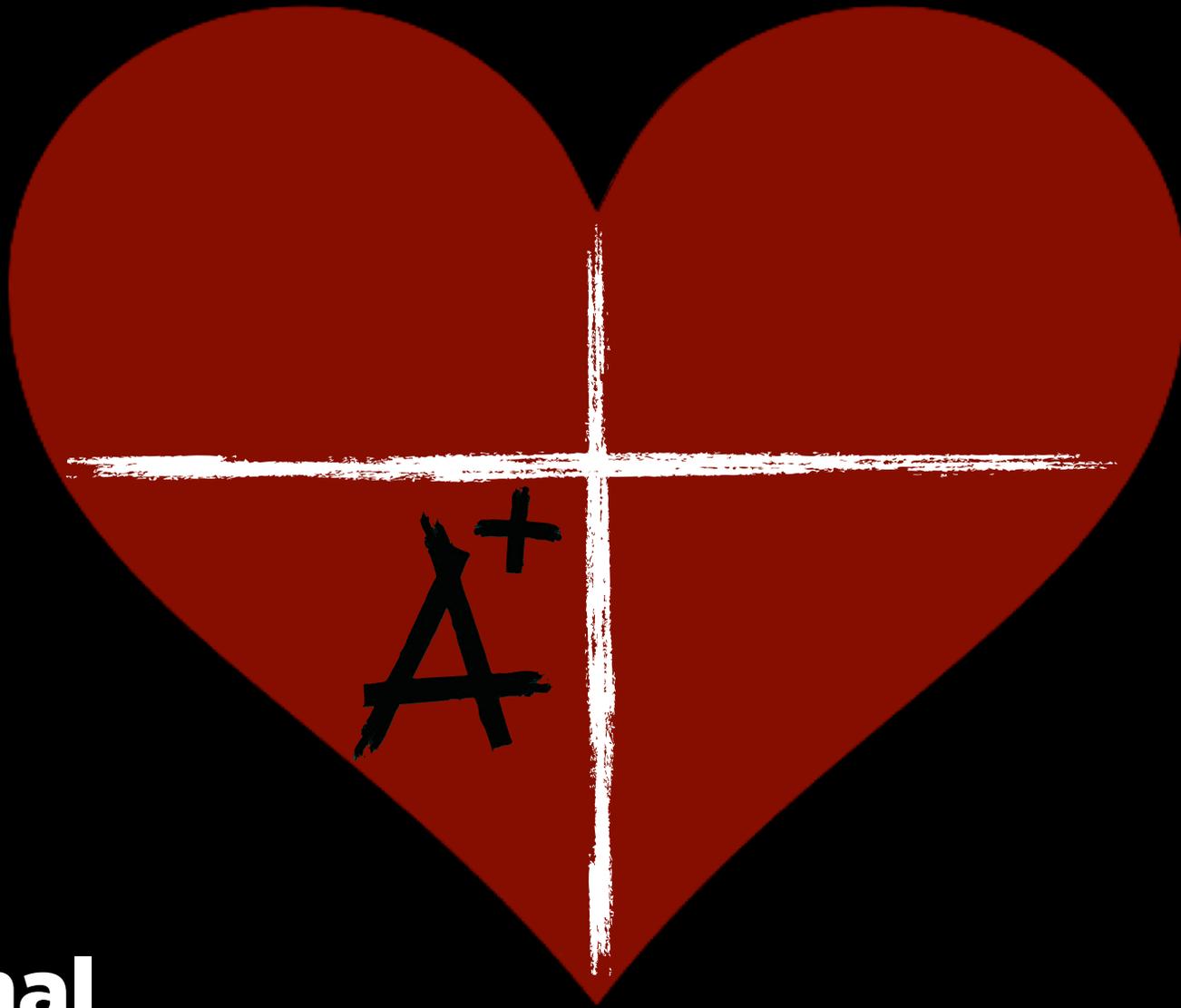
To lead people to love others through the teaching and learning of mathematics.

ACTIONS



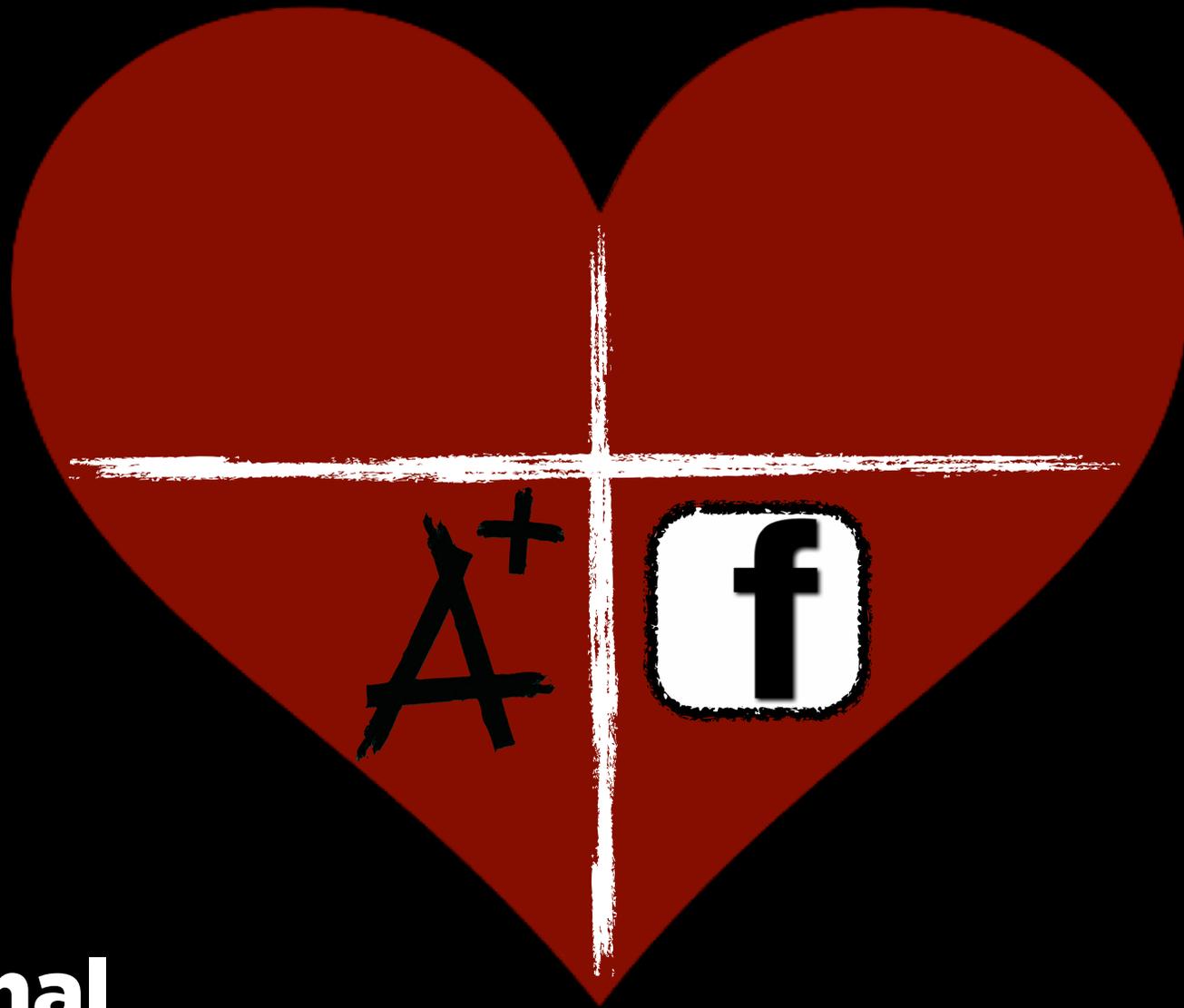
BELIEFS





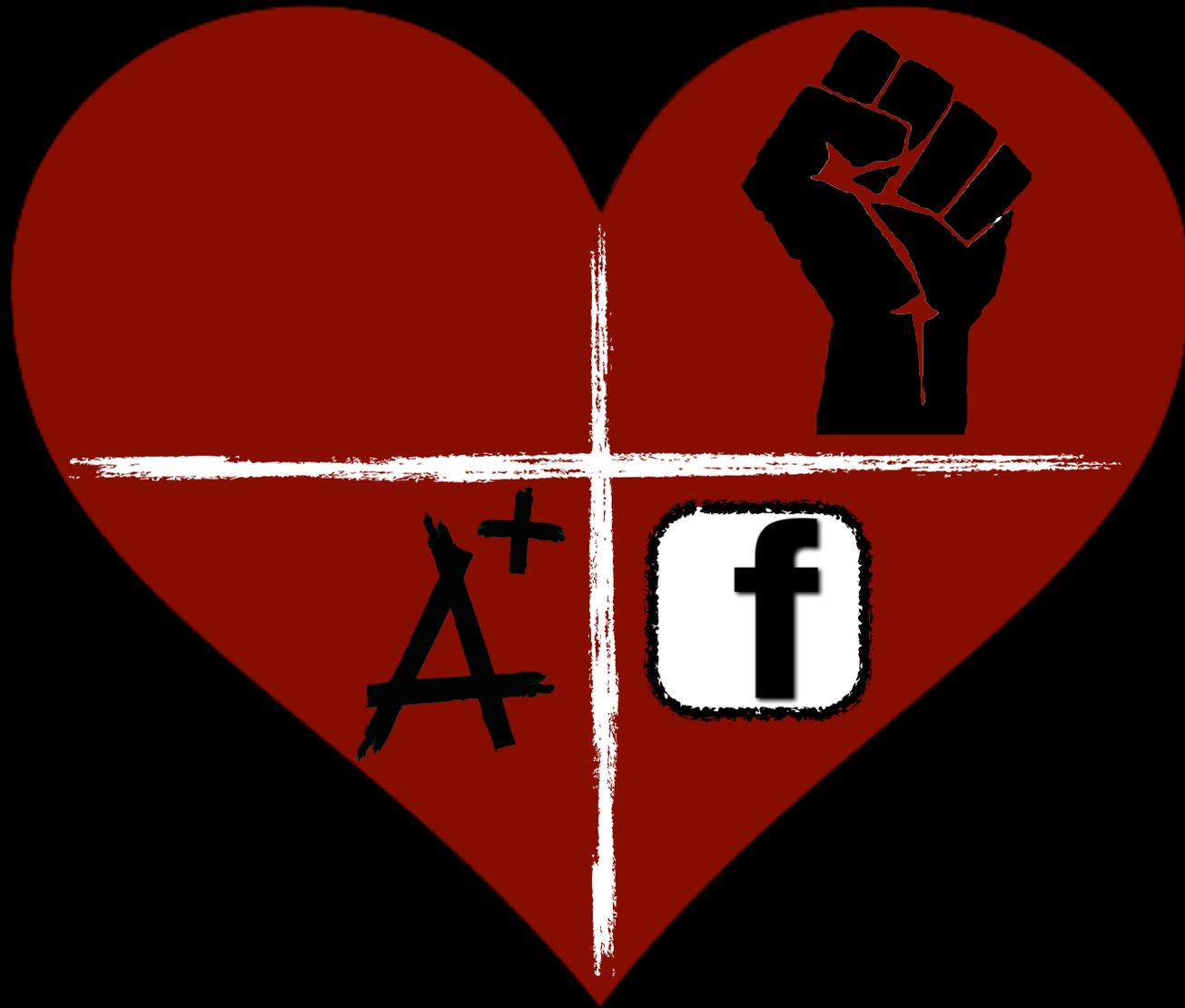
Functional

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



ACTIONS

BELIEFS

ACTIONS

BELIEFS



reason for teaching

like

not like

shove stuff

refine

commit

ACTIONS

BELIEFS

ACTIONS

BELIEFS

ACTIONS
ME
BELIEFS

**ACTIONS
YOU
BELIEFS**

reason for teaching

like

not like

shove stuff

refine

commit

**ACTIONS
YOU
BELIEFS**



amidonplanet.com