## PRE-TALK SURVEY:

bit.ly/eips2019



# USING AI TO SUPPORT CIVIL DISCOURSE IN THE CLASSROOM: A VALUE-CENTERED APPROACH





## **SURVEY RESULTS**

1. In general, civil discourse is getting \_\_\_\_\_

2. In my classroom, civil discourse is getting \_\_\_\_\_

3. Technology has a \_\_\_\_\_ impact on civil discourse.



## THE STATE OF CIVIL DISCOURSE

59% find it stressful and frustrating to discuss politics online (Duggan & Smith, 2016)



#### Compared to other places where people discuss politics, social media discussions are:

Less respectful

Less civil

Less focused on policy

Less informative

Angrier

Less likely to come to a resolution



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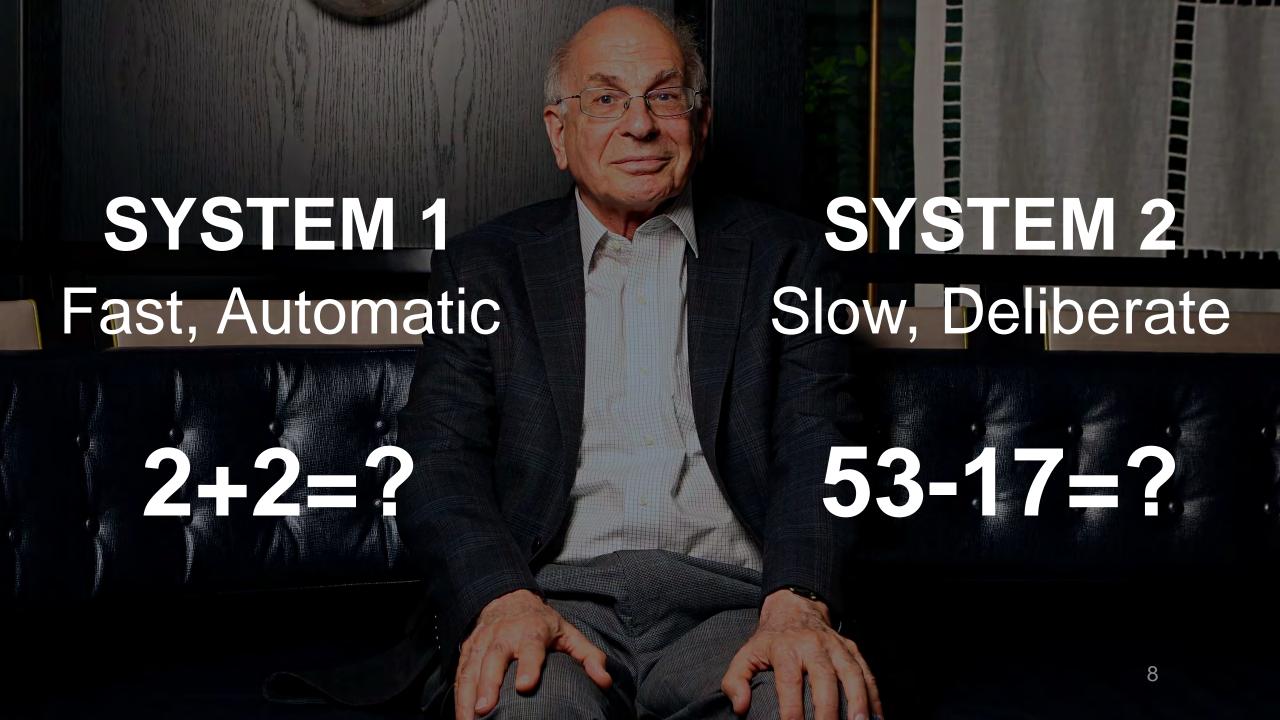
Less informative

Angrier

Less likely to come to a resolution = UNPRODUCTIVE



## Why is Civil Discourse so unproductive?

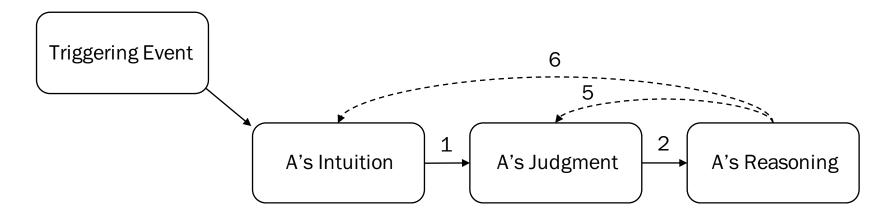




## Sam secretly voted against his wife in a local beauty pageant.



#### SOCIAL INTUITIONIST MODEL



Four Main Links:

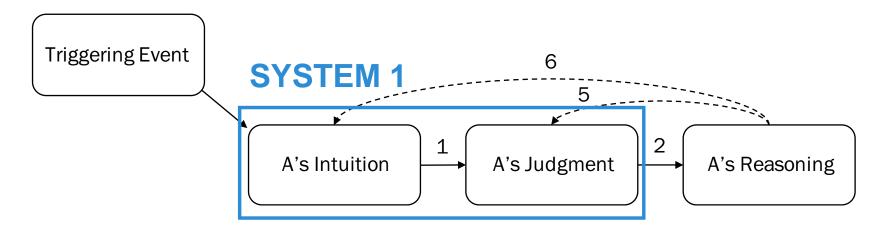
- 1) Intuitive Judgment
- 2) Post hoc Reasoning
- 3) Reasoned persuasion
- 4) Social Persuasion

Two rarely used links:

- 5) Reasoned judgment
- 6) Private reflection



### SOCIAL INTUITIONIST MODEL



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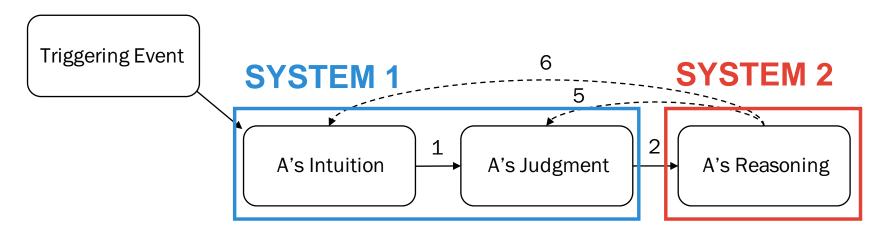
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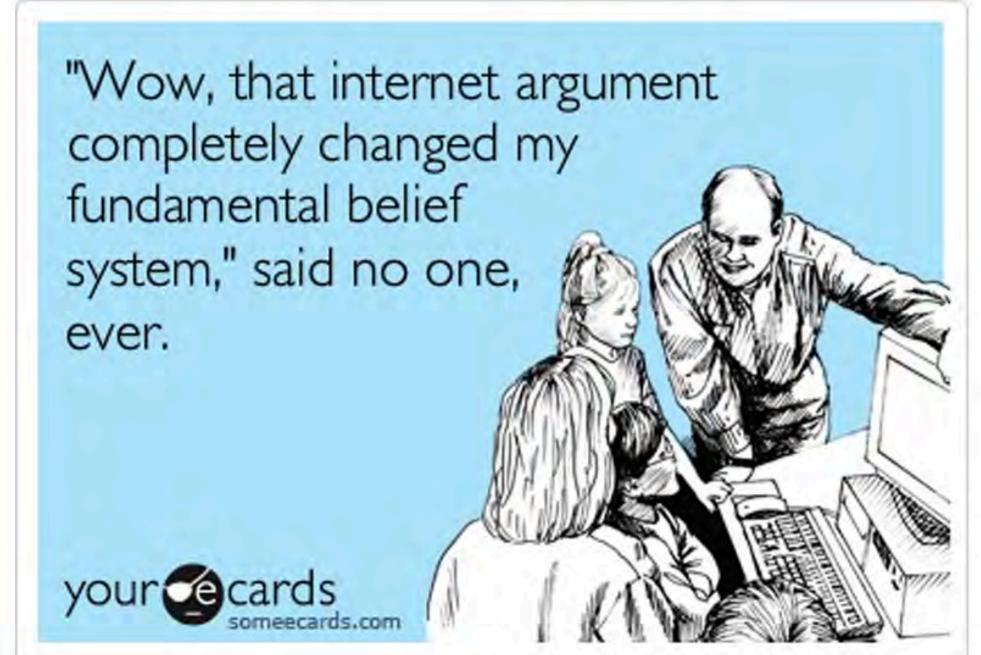
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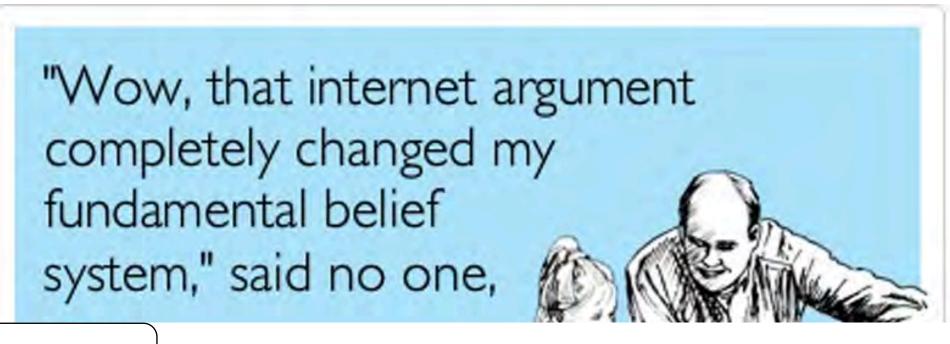
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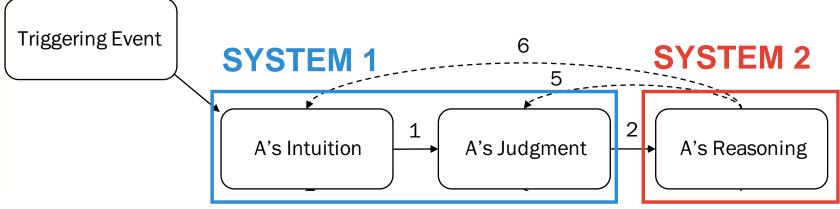


#### SOCIAL INTUITIONIST MODEL









# **Foundation Related Concepts**



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Care & Harm	kindness, gentleness, and nurturance



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Authority & Subversion	deference to authority and respect for traditions
Sanctity & Degradation	disgust, contamination, purity, and holiness

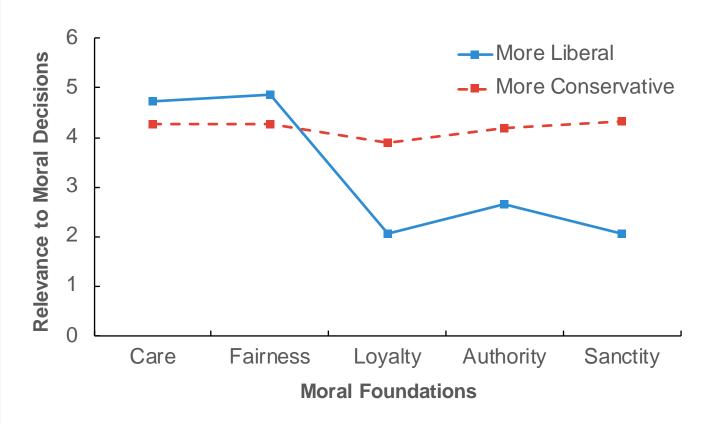
## MORAL FOUNDATIONS THEORY



Haidt, 2001



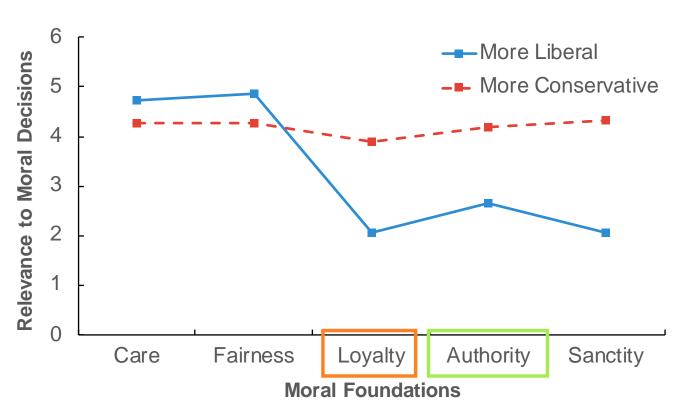
## MORAL FOUNDATIONS THEORY



Haidt, 2001







JOE BIDEN . Published 8 hours ago

## **Hunter Biden on new wife he married** after 6 days, matching 'shalom' tattoos

Their wedding at Melissa's apartment six days later was so hastily thrown together that neither had their families in attendance and their wedding photos were taken by a friend on his cellphone.

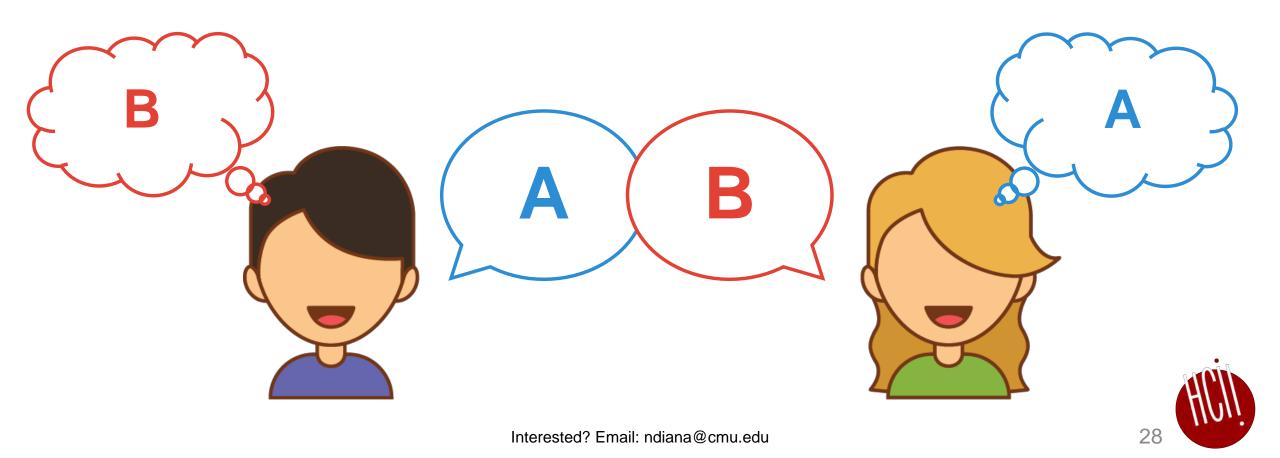
Biden, who said he's still in the "honeymoon phase" of his marriage, said he's come clean with Melissa about his rocky past that includes his yearslong struggle with sobriety, getting kicked out of the Navy Reserve and dating his dead brother's wife.

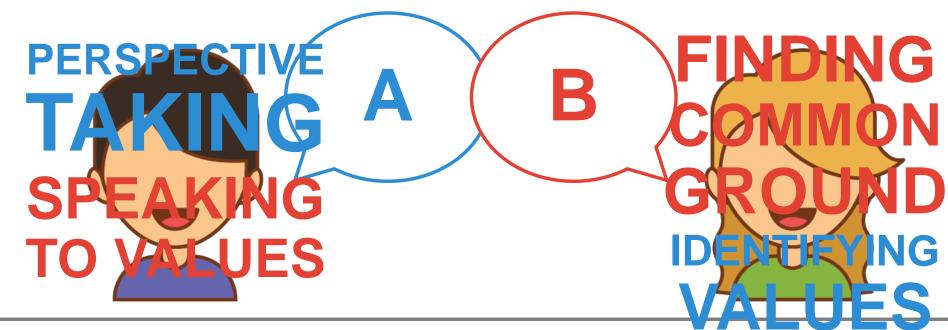


## How can we make Civil Discourse more productive?

## PERSPECTIVE TAKING

How well can you put yourselves in someone else's shoes







## **PERSPECTIVE TAKING** PERSPE TAKING ERSPECTIVE

#### **CIVICS CLASSROOM**



## PERSPECTIVE TAKING







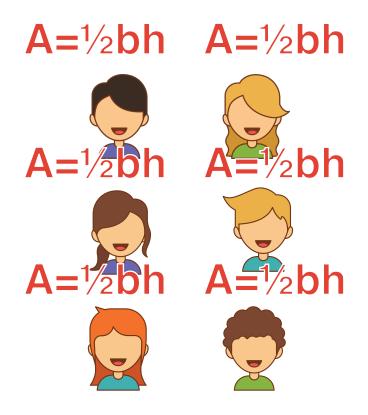








#### **CIVICS CLASSROOM**





## **OUR SOLUTION**

## No technology will ever match the value of a real classroom discussion

We want to give students individualized practice on fundamental civil discourse skills that support those realworld discussions, both in the classroom and in their life.



## **OUR SOLUTION**

If you want to get better at hitting homeruns:

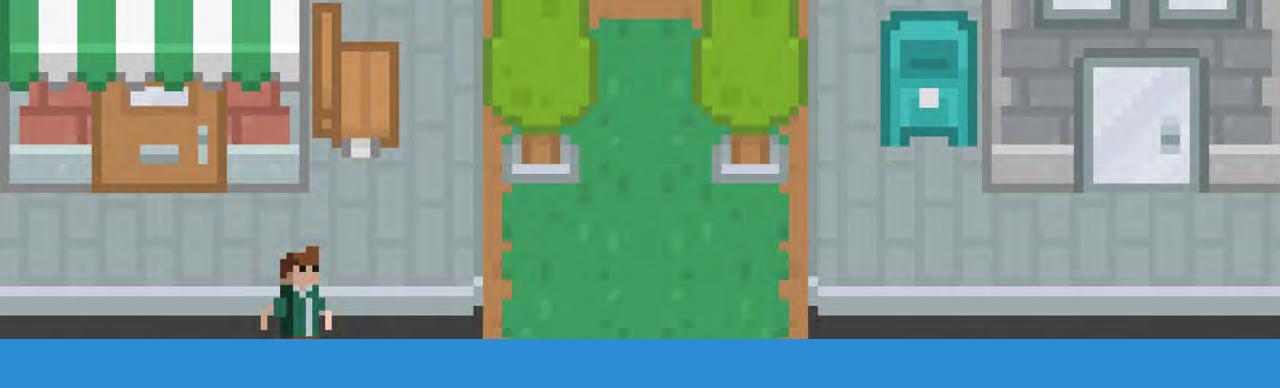
Play 500 games of baseball

1500 hours (62.5 days straight)

Go to the batting cage and hit 500 baseballs

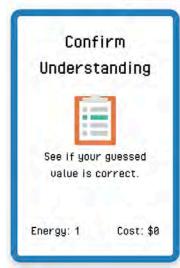
Just over an hour

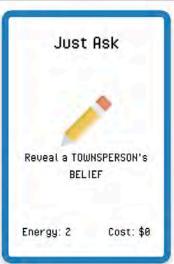




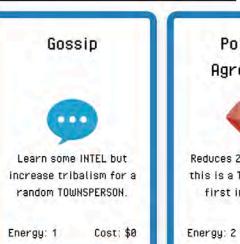
## Persuasion Invasion



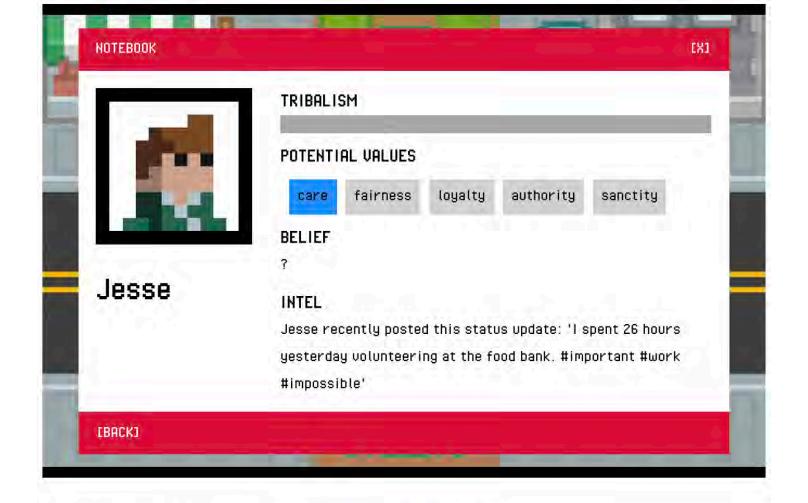












Choose the statement that will be most persuasive to Jesse:

- > "Eliminating the football team would ruin the soul of our kids."
- > "Football teaches skills like leadership and determination. It does more good than harm."
- > "I played football. My dad played football. His dad played football."

## FOCUS ON CIVIC SKILLS

Scaffolded, Individualized Practice on:

Perspective Taking

Identifying shared values

Finding common ground

Standard - 5.2.12.B

Examine the causes of conflicts in society and evaluate techniques to address those conflicts.

Standard - 5.2.9.D

Analyze citizens' roles in the political process toward the attainment of goals for individual and public good.

Standard - 5.2.9.B

Analyze strategies used to resolve conflicts in society and government.

Standard - 5.1.12.F

Evaluate the role of **nationalism** in uniting and dividing **citizens**.

## ARTIFICIAL INTELLIGENCE

### **Skill Mastery**

Track performance on each subskill and predict what skills they need more practice on.

### **Measuring Bias**

Compare student values to text values to measure and predict bias in the evaluation of political arguments.

## WE'RE LOOKING FOR PARTNERS!

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## Carnegie Mellon University

