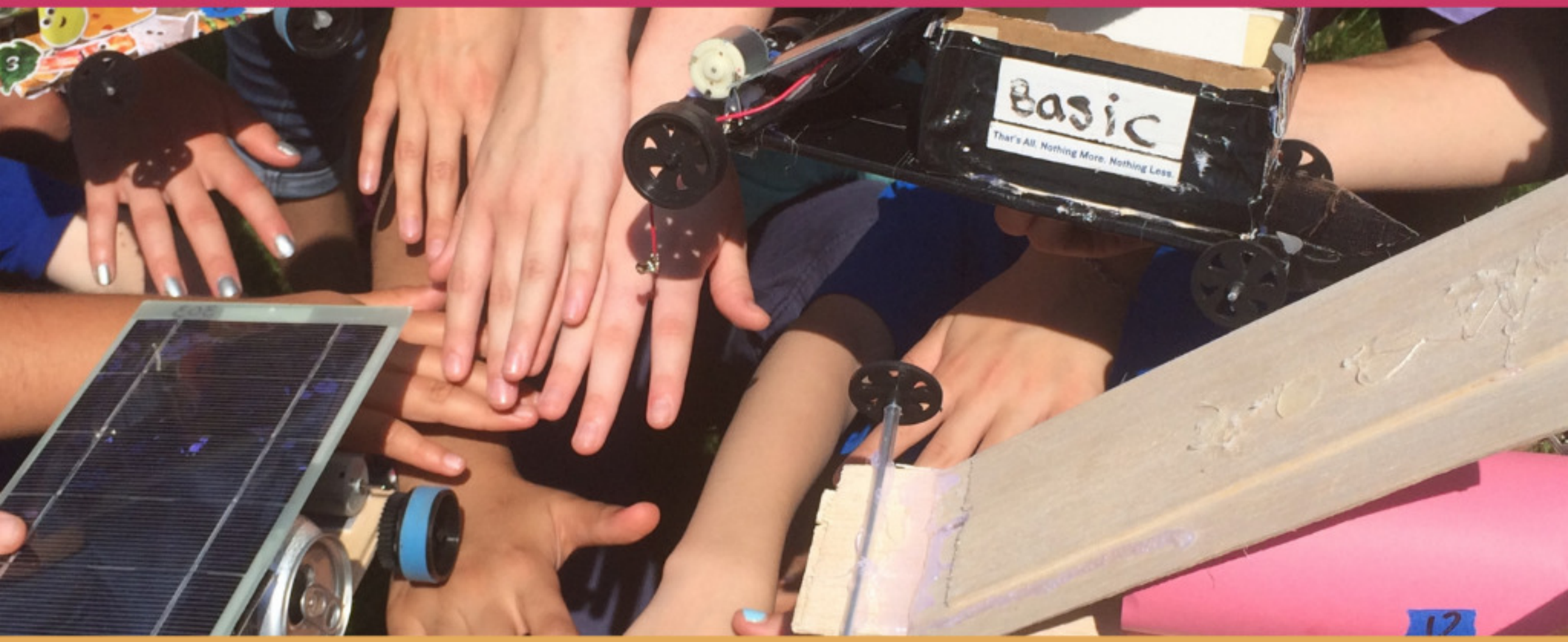


PERKS OF BEING A SIXTH GRADER: SCIENCE

SOLAR CARS

Students design, buiild and race solar cars for a chance to compete in the NJ Junior Solar Sprint Championships.

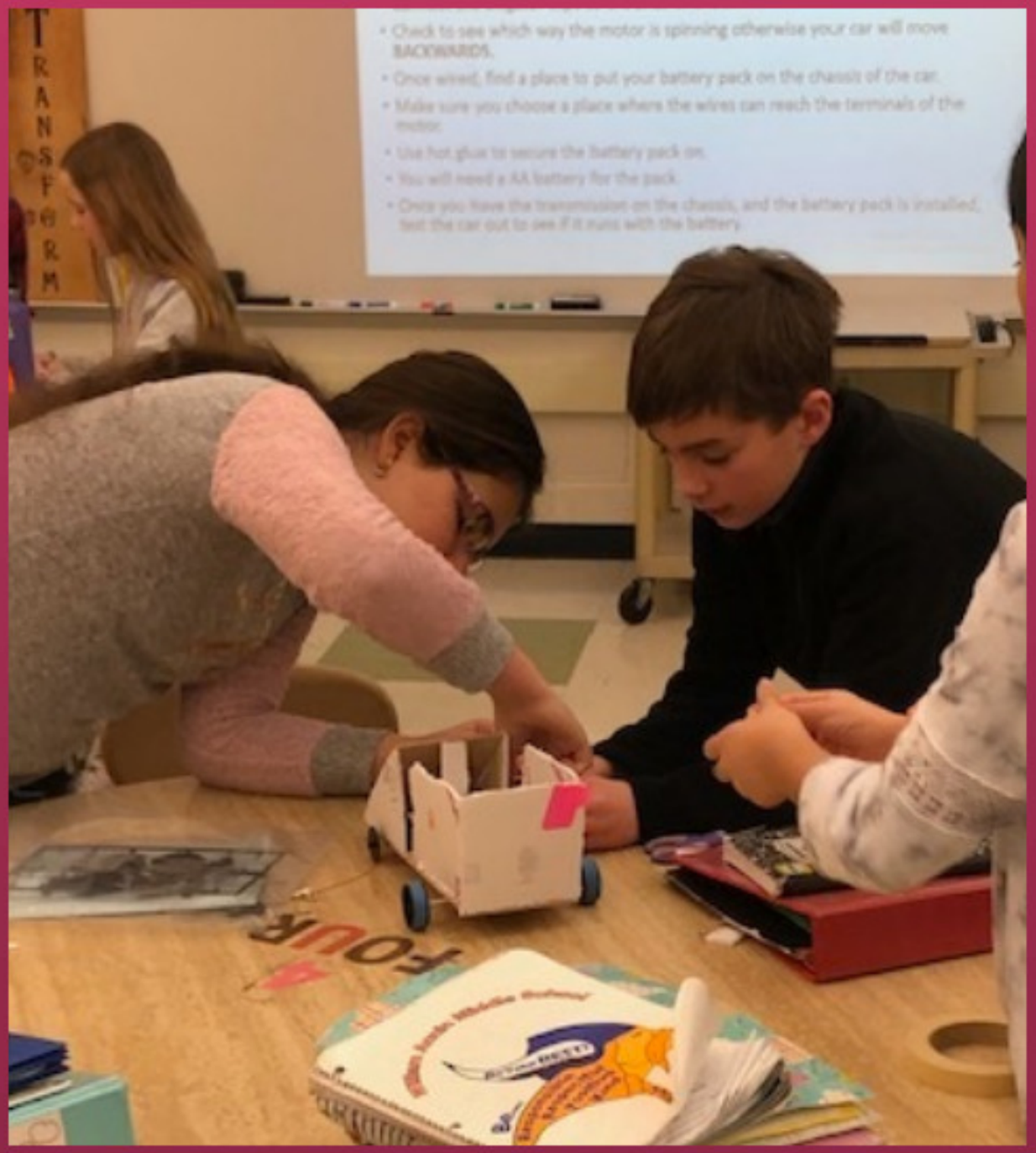
INTEGRATING AR INTO SCIENCE CLASSROOM

Changing Labs into Magic through Augmented Reality

NEARPOD GIVING EVERY STUDENT A VOICE

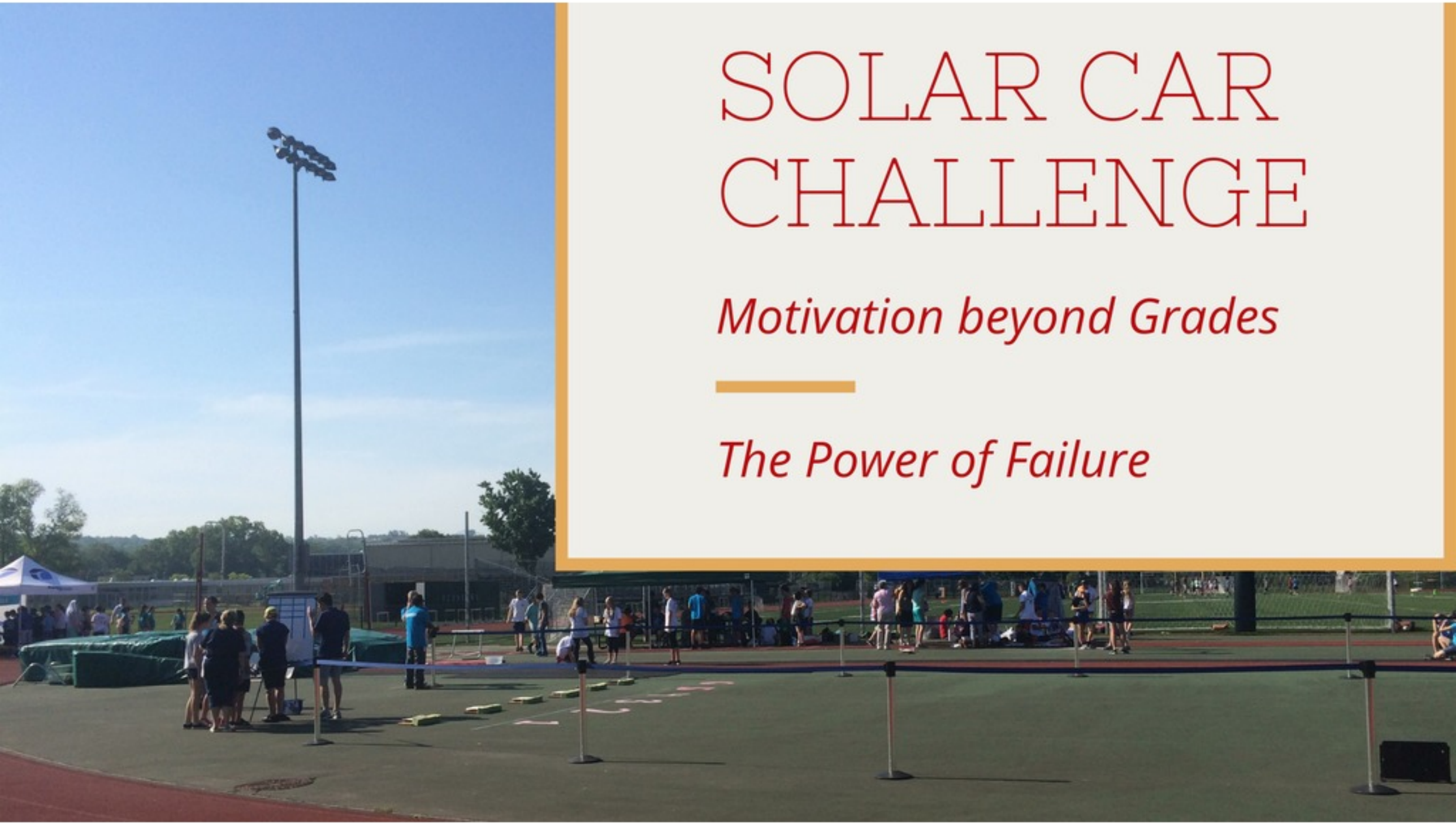
Tools to engage all students in science discussions.

Dirty Hands = Science Learning



RIDGE
LACROS

Video



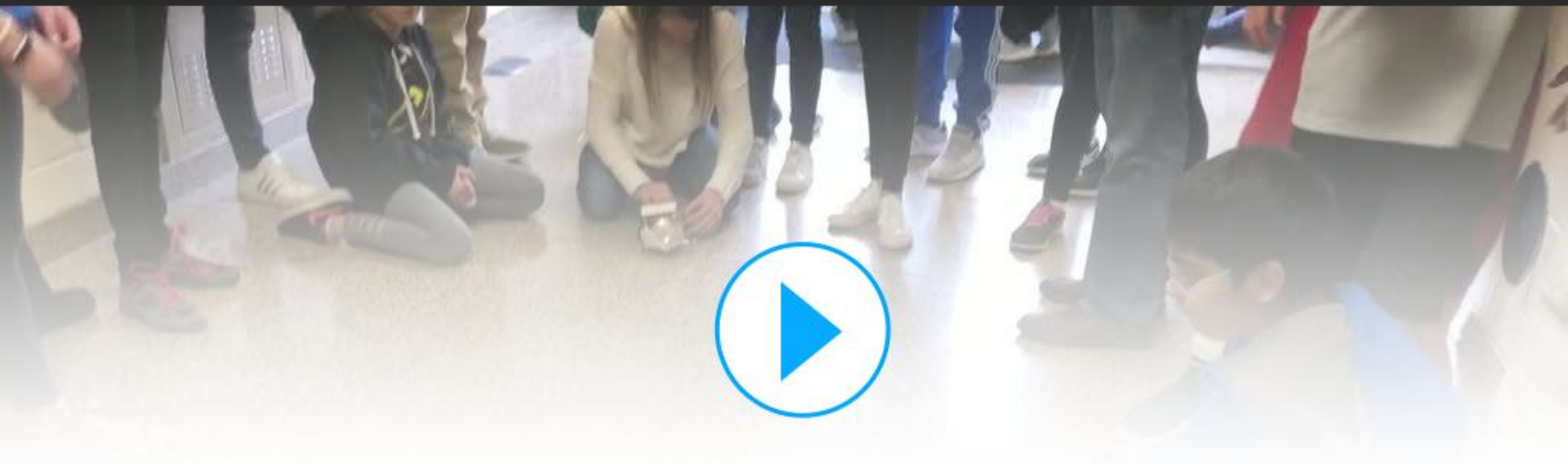
SOLAR CAR CHALLENGE

Motivation beyond Grades

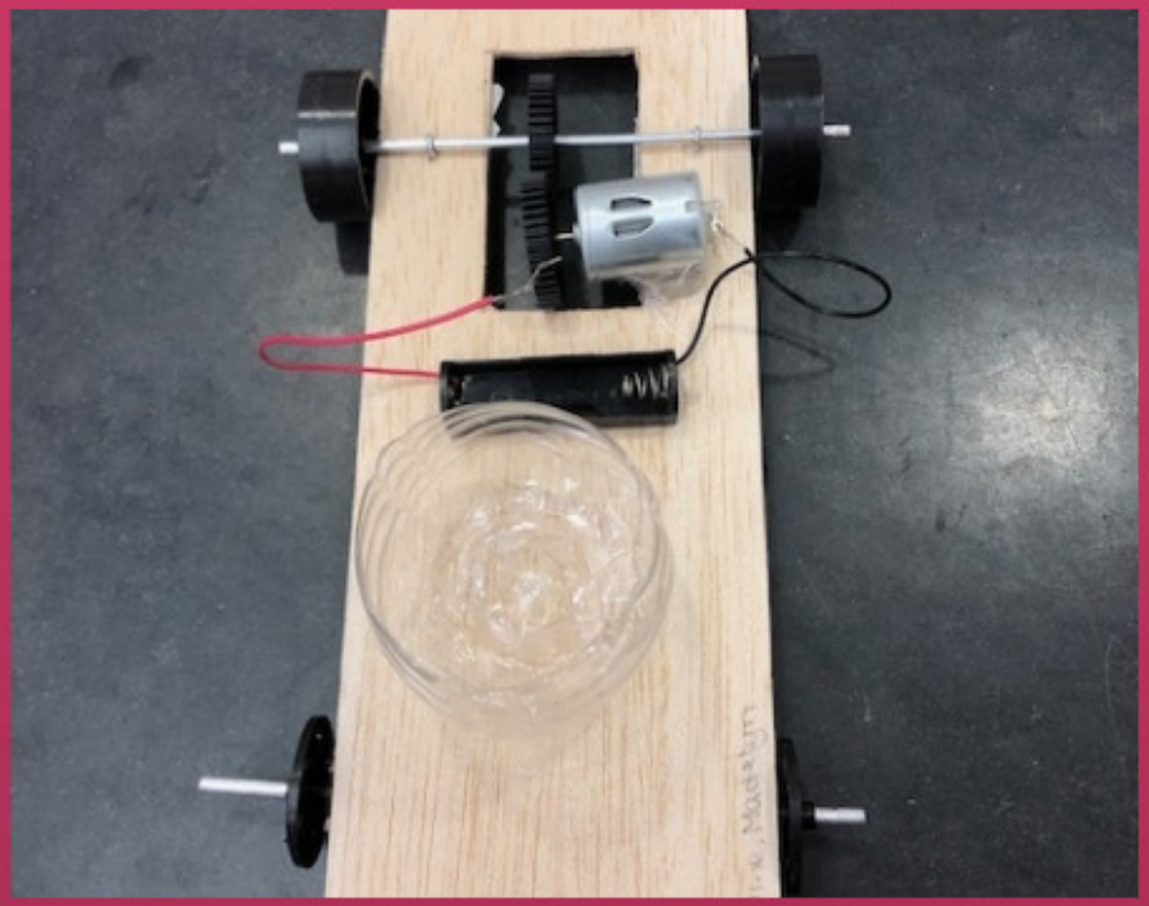
The Power of Failure

NJ Solar Sprint Championships

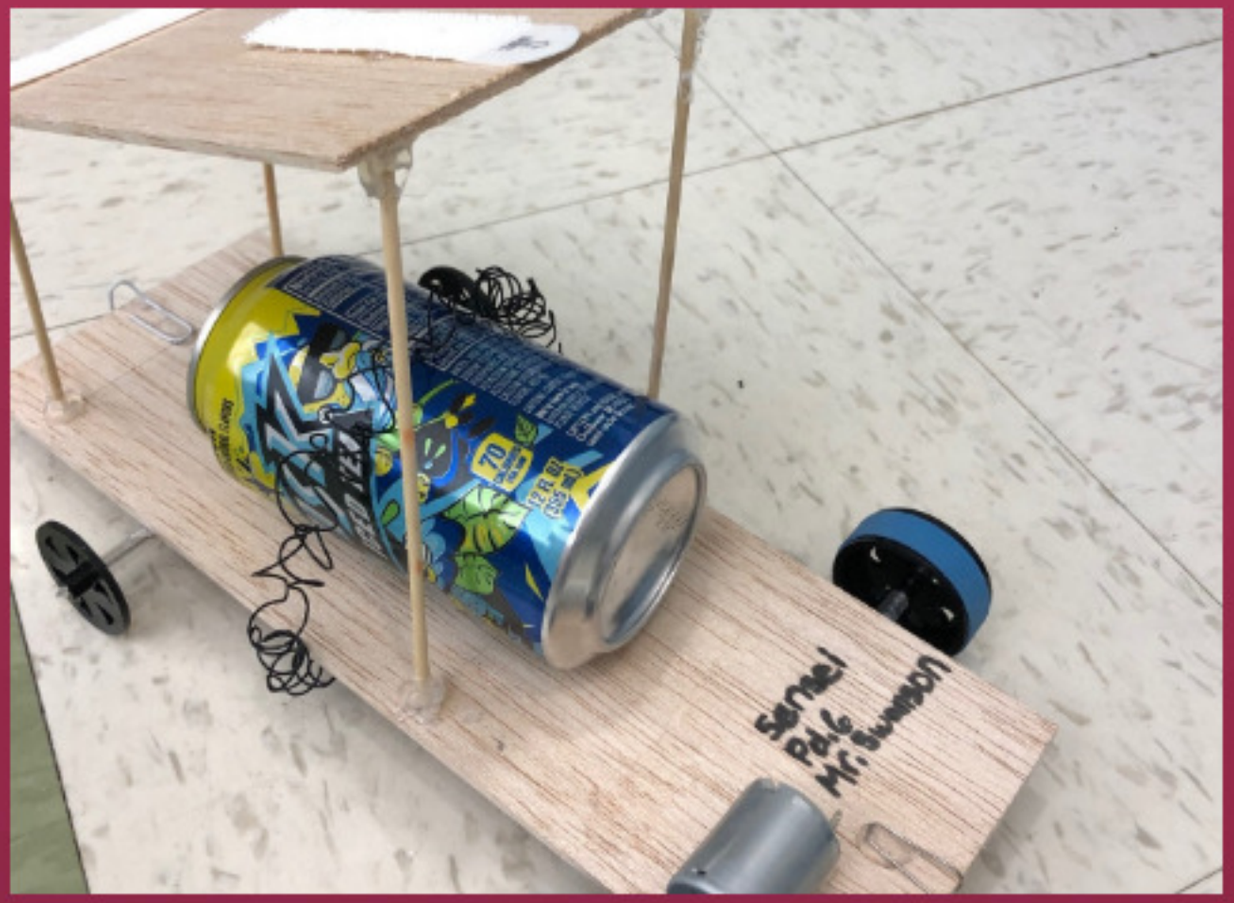
ANDY
SANTIAGO
MATT
KYRO
Junior Solar Sprint
New Providence, NJ
Second Place - Engineering
"M.A.S.K. - Timebender"
Kyro Saleeb, Andy Pei
Santiago Lopez Mendez, Matt McCue



Video

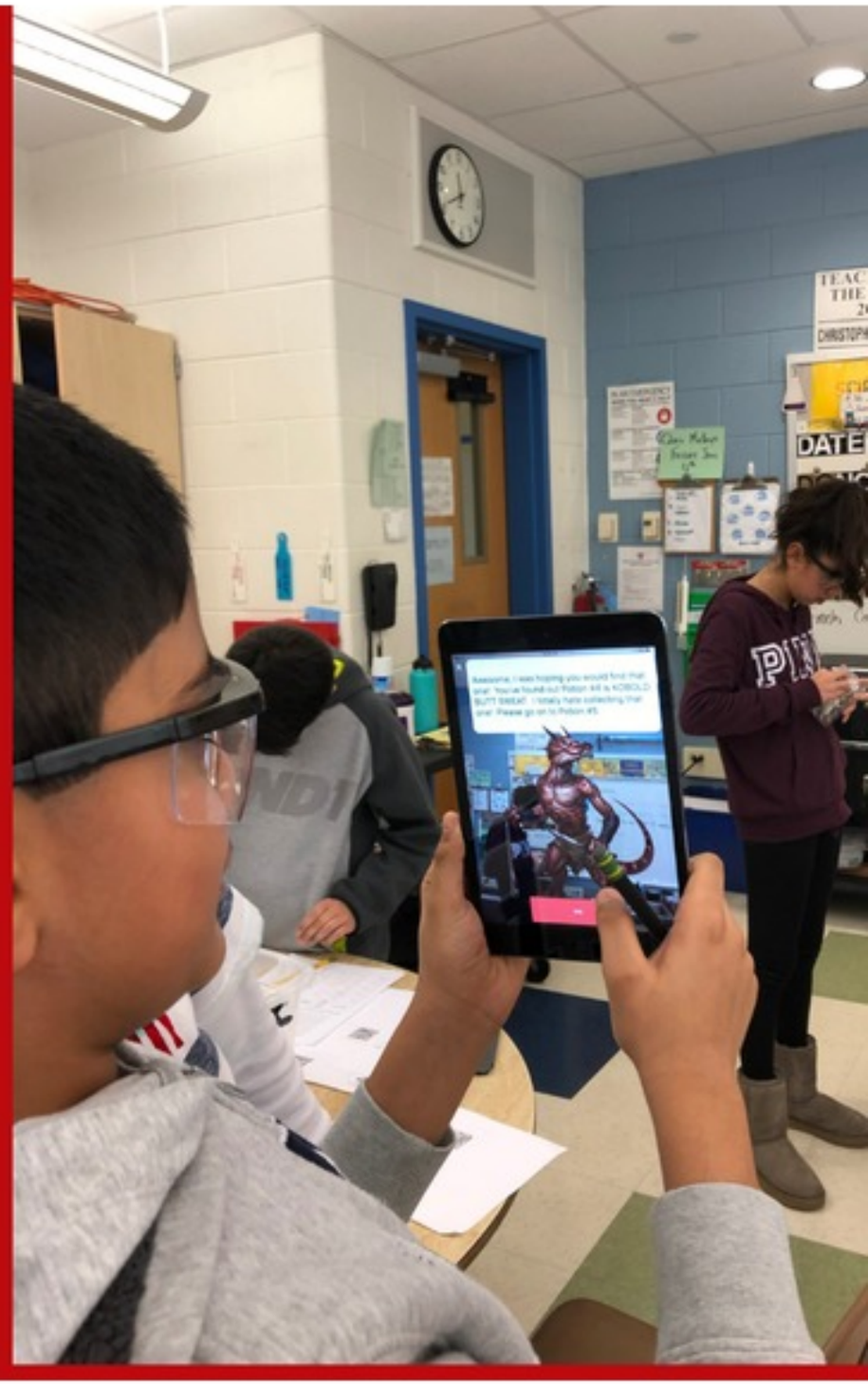


Pressure


Samuel
Pd.6
Mr. Swanson

Pokemon Go in Science

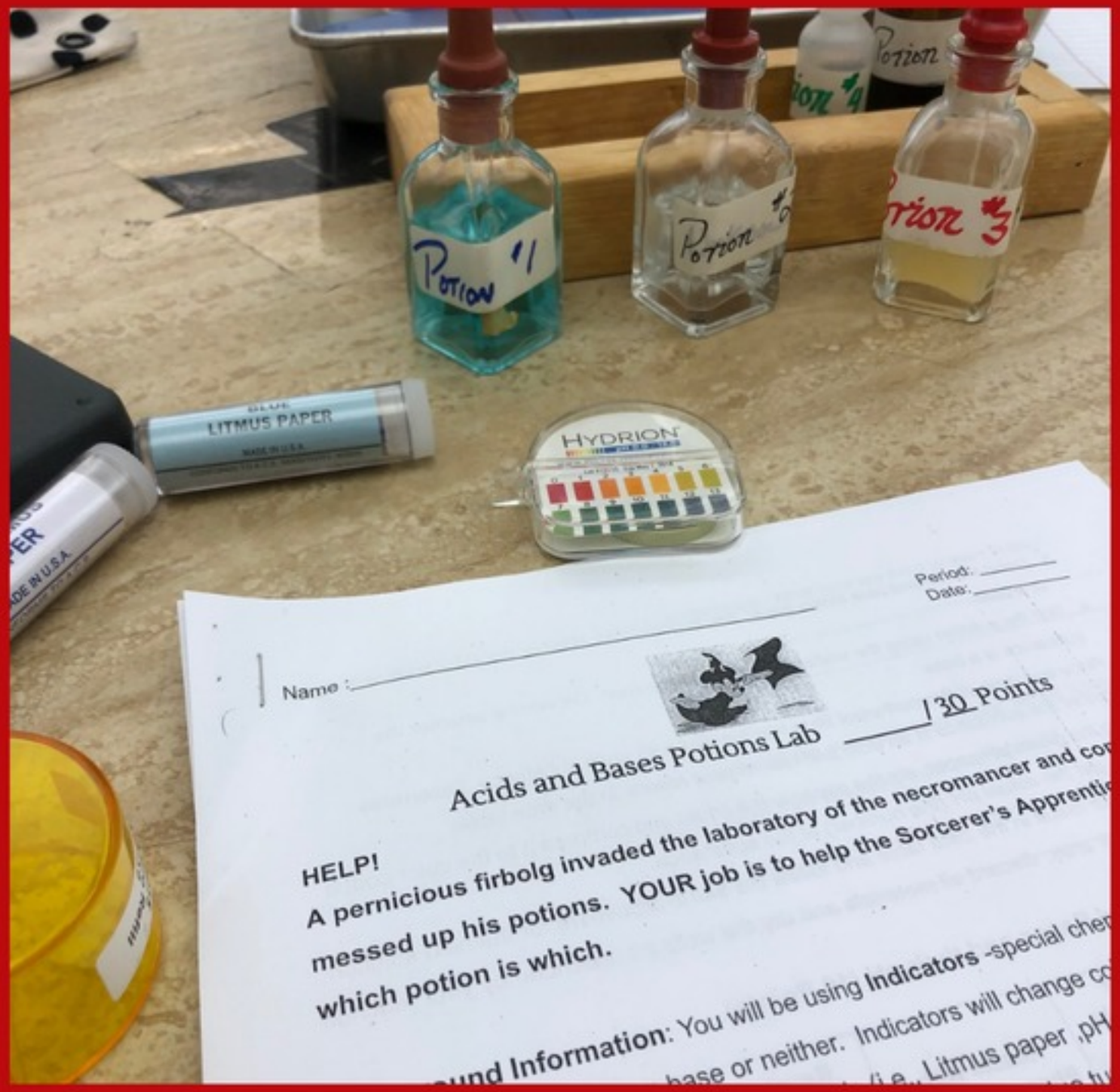
NOT THE GAME - THE TECHNOLOGY: AUGMENTED REALITY



MR. STEVE ISAACS

Game Design Teacher WAMS

2016 ISTE Teacher of the Year



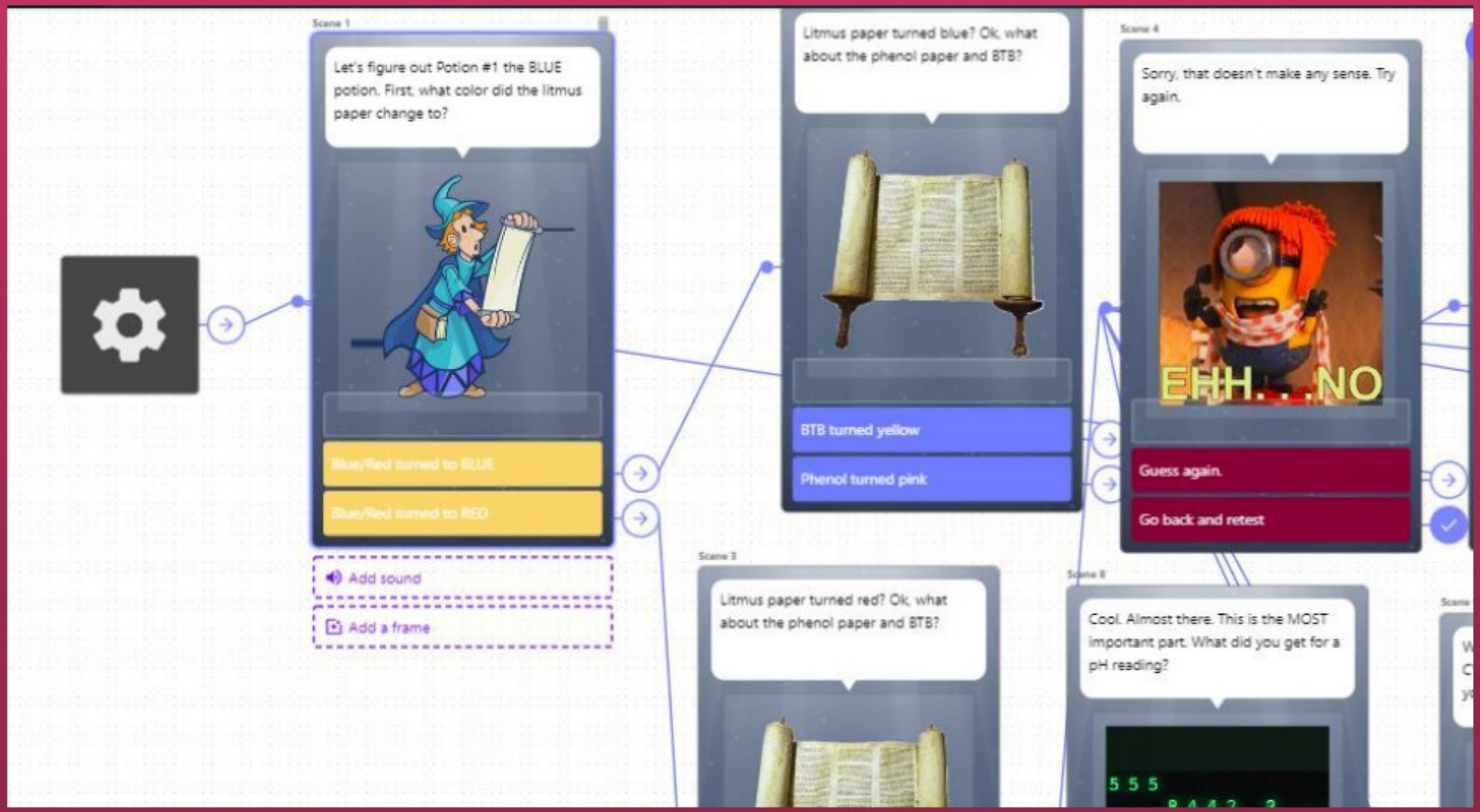
Convert Acid Lab into Potion Quest

INCREASE IMMERSION BY EXCITEMENT

Metaverse
Augmented Reality

https://cf.nearpod.com/neareducation/new/Slide/387964679/iconipad

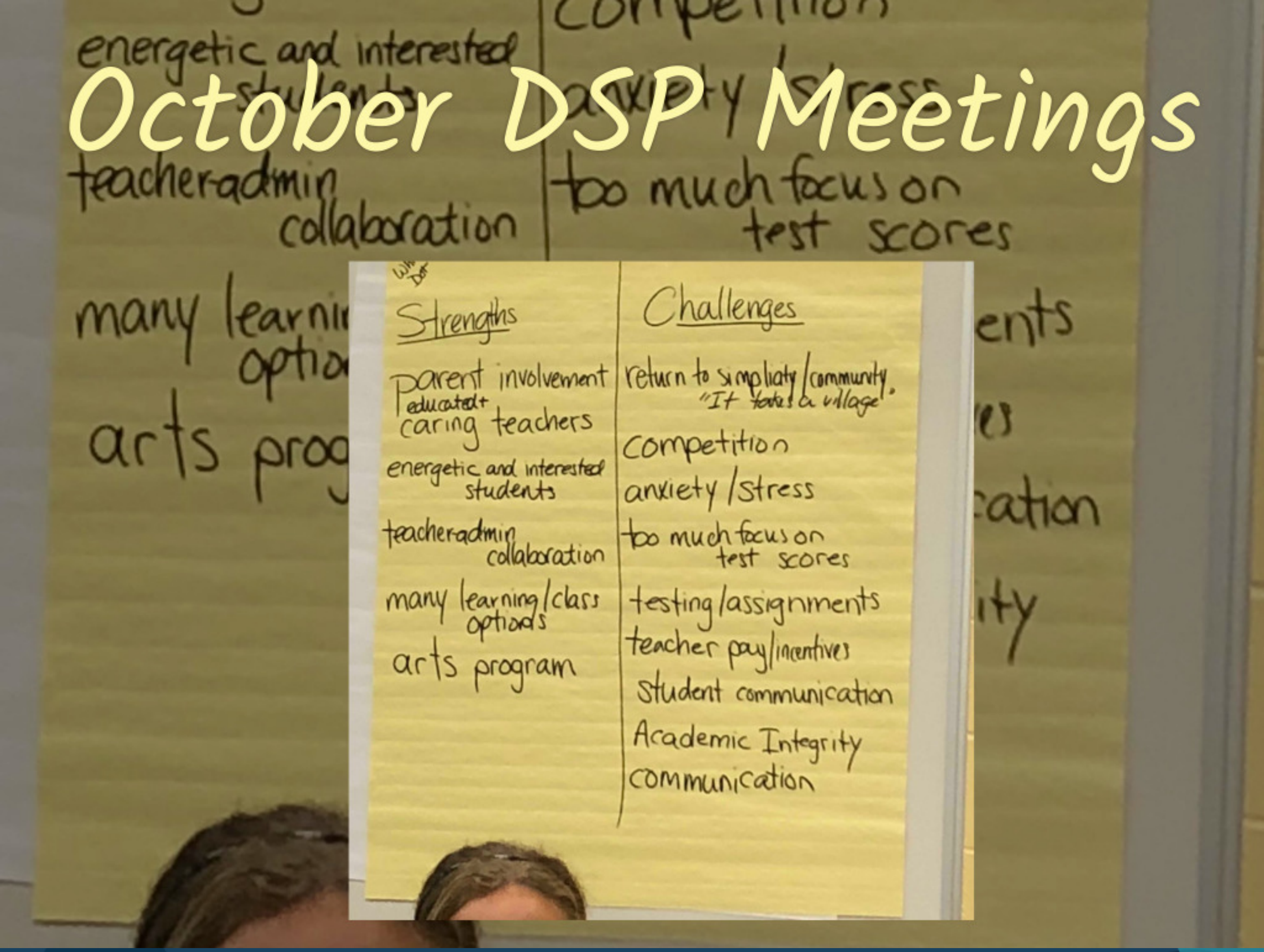
Metaverse AR Experience



MAXIMIZE LEARNING THROUGH DESIRE

INTEGRATE DIGITAL TECH TO PARTNER – NOT REPLACE CURRICULA

October DSP Meetings



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Meriden
Izzy
Noor
Olivia V
Jane

Open Ended Question

How does Newton's Second Law directly relate to the Solar Car Challenge?

Please enter your answer here.

Poll

What was the hardest part of the Solar Car Project?

- Getting the gears to work
- Reducing Friction
- Putting the axles on straight
- Attaching the motor

Draw It

Draw a model of the atom according to the modern atomic theory.

TED Speaker | TED Attendee

Susan Cain

Quiet revolutionary

quietrev.com | Quiet: The Power of Introverts | Quiet Power

TED Speaker

Personal profile

Our world prizes extroverts—but Susan Cain makes a case for the quiet and contemplative. She reaches millions of people through her books, podcasts and her mission-based organization, Quiet Revolution, which empowers introverts for the benefit of everyone.