



DTL SYMPOSIUM

SAC 01

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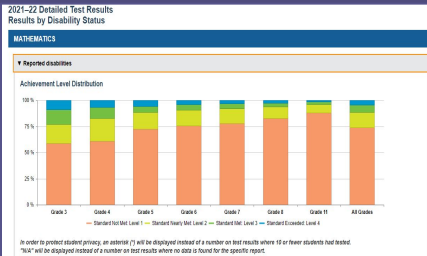
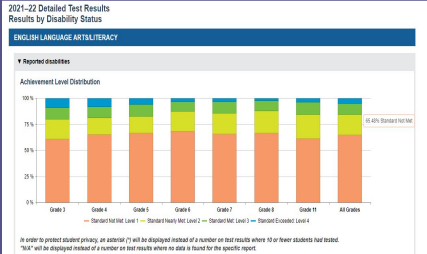
Educational Equity for neurodiverse students

UN SDG #4



KEY INSIGHTS

Found a significant gap in test scores between the neurodiverse community and mainstream society



Noticed that socioemotional performance increases when students are included in the community

Understood that some root causes of the gap in education is lack of personalized tutoring and social inclusivity

Only 9% of neurodiverse students feel equipped with vital skills and prepared for college

In 2016, California had an overall graduation rate of 83%, but only 66 % of the students with disabilities graduated

FINAL NEED STATEMENTS



A way to address a lack of individualized peer support for neurodiverse students in 6th-8th grades in order to create a more inclusive and equitable education, as measured by improved test scores in science and math by 10 %.

A way to address lack of participation in mainstream school clubs for the neurodiverse students in 6th-8th grade, in order to create more inclusive and enhanced interactions within the school community as measured by increased enrollment

A way to address lack of awareness about the neurodiverse community of learners in mainstream middle school students in order to create a more inclusive and well-adjusted environment in schools as measured by increased collaboration between neurodiverse and mainstream students inside the classroom.

NEED STATEMENT CRITERIA

- 1) Magnitude of Problem
- 2) Urgency
- 3) Ease of Implementation
- 4) Stakeholder's
Willingness to Engage
- 5) Beneficiary Impact



PHASE 2

BRAINSTORMING

Things we can do	★ Classes for the neurodiverse	Extra-curriculars	peer-relations	Events	★ social awareness presentations
encourage them to join clubs	peer tutoring program in STEM	★ peer-tutoring program	peer tutoring	academic decathlon for neurodiverse students	presentations during homeroom
encourage them to join sports	how to work with kids who have learning disabilities (tailored to educators)	start inclusive clubs	a website/platform run by the school that can connect neurodiverse students to their student tutors.	a social event tailored to be low stimulation for neurodiverse students	how to support your neurodiverse peers
give the tutors community service hours for incentive (but also they are middle schoolers so will they be incentivized)	how to support neurodiverse peers (tailored to peers)	after school tutoring	maybe tutor/tutored bonding fun events.	crafts/art - for relaxation	how to identify a neurodiverse peer
create or make things such as extracurriculars more sensory friendly	how to work with kids who have learning disabilities (tailored to parents)	supporting neurodiverse students is not just academics, also music, art, and maybe sports (through the need statement specifies science and math)	a team of tutors = designated to one subject, or specific students. So they can develop a personal connection	sports day	gauging comfort level
therapy in school	Time management	summer camp	buddy system	a day towards the end of the school year where the tutored students teach the tutors about a topic they've chosen, or what they've learned	the neuro-spectrum
Make and	Organization	community service		a day where tutors and neurodiverse students	how to

PEER TUTORING PROGRAM

WHY PEER TUTORING?

- Stakeholders stressed emotions, relations and individualized support
 - Building trust/relations between tutor/peers
- Aids neurodiverse community with critical thinking, social-emotional learning, interpersonal communication
 - Social stigma reduction

PROTOTYPE

- At Western Sierra Collegiate Academy after school
 - High schoolers tutor middle schoolers
 - Subjects: Math & Science
 - Buddy system
 - Incorporate SEL Lessons
 - arts/crafts sessions to relax

THANK YOU

