



WE ARE
Girl ⚡ Powered

TRANCENDENCE.

TEAM 11004G

Getting distracted by a boy's intricate cars,
but quickly looks away because that's not supposed to be in
HER memoir.

Has curiosity boiling inside of her,
but she doesn't notice because her dress creates this blur.

She wondered, but never questioned,
that was her mistake,
A regret.

Her dreams, she hid deep within,
never knowing they even existed.

And eventually they were forgotten.

Take the easier route.
Cover up. Hide.
Cross your legs.
Stay modest.
Stay cautious.

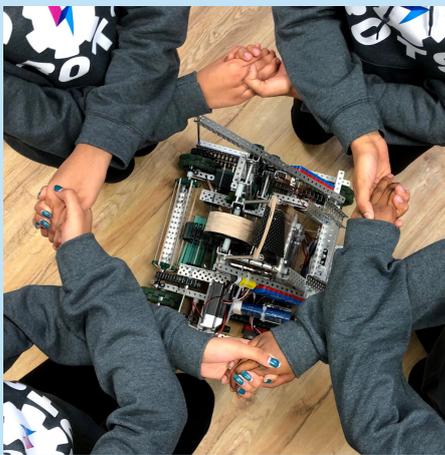
Complete your education,
Get a good job.
But don't forget to take care of your family!

How is that even fair?
Because little girls nowadays aren't taught to be more.

She knew that this was not who she was,
but who was she to question these 'laws'?



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These 'grounds rules' have been limiting her potential
But she doesn't even realize.
Having her carry a given responsibility,
because she isn't given a chance to showcase her capability.
Is this how you define equality?

Let's be honest, is there even a choice?

She developed a shell,
to protect her from what she thought was wrong.
She learned how to act,
so that she would not be questioned about her mission.
A shell so strong, it penetrated her ambition.

Her dreams have evolved to finishing school and starting a
family.

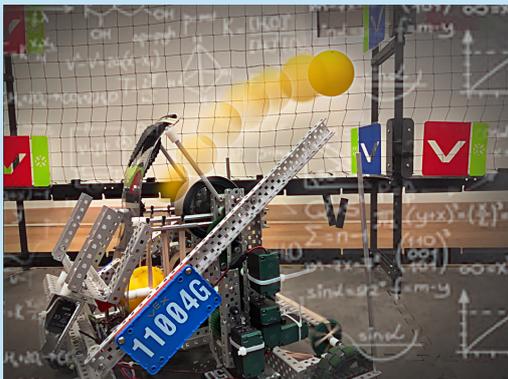
But never more than that,
Because she was taught to accept this fate happily.

A few years passed, and then some more,
her shell acted as a shield.
A barrier between her and her full potential,
locked and sealed.

This girl can be the next Albert Einstein.
Marie Curie.
Elon Musk.

If only she is encouraged to satisfy her curiosity,
maybe this could be her reality.

Rest assured, these excruciating stereotypes still exist,
because we speak from first-hand experiences.



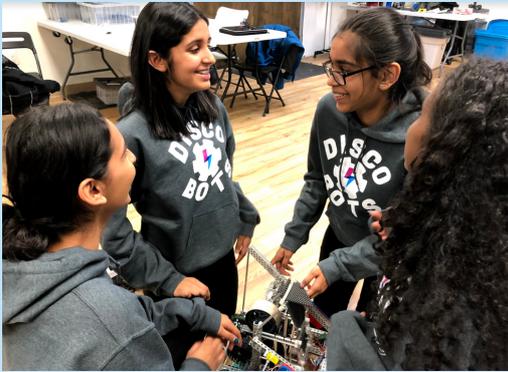
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She was trapped in this predetermined destiny,
Until she met her mentor,
Who helped her break free from this restricting mentality.

They created a platform appealing to all,
matched two uncommon possibilities:
Girls and STEM activities.
The creation of Team 11004G.

An initiative set to defy societal norms.
Raising determined females to be empowered.
We are Team 11004G from Brampton Robotics,
and we are Girl Powered!





WE ARE Diverse ABOUT IT

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Team 11004G consists of seven diverse personalities that contribute to our genuine team chemistry. Each member of our team first explored the various roles that are crucial to forming a strong structure composed of technical and non-technical capabilities. Team 11004G includes the members: Mehak Dhaliwal, team captain and builder; Keerat Juneja, marketing head and builder; Meshva Desai, programming head and drive coach; Binalpreet Kalra, builder, driver, and documentor; Hanna Warsame, programmer and documentor; Kakshi Desai, programmer; and Asha Soor, builder.

Not only are our team members passionate about robotics and STEM, but we each bring distinct qualities and capabilities to the table to help enhance our collective experience. For instance, our artistic abilities are showcased in VRC by writing outreach articles, organizing community events, and designing entries for various online challenges to promote the imperative idea of GIRL POWER.

Our Coach, Pankaj Saxena, has given us the platform to explore our interest in STEM while personalizing our experience. We believe that he was a crucial part in encouraging us to do better when we did not feel confident in our abilities. His passion for girl empowerment opened our eyes to try harder to engage more girls in our community, and this inspired him to create a new all-girls VRC team: 11004G.

For the majority of the team, this is either their first year in VEX Robotics or in a STEM activity in general. VEX is the platform we chose because of its small team size, which gave each of us more hands-on experience in this field. VEX brought us together and built seven passionate, strong females. VEX helped us realize OUR full potential and sparked a motivation to defy gender stereotypes.

As a team, we value collaboration and passion while working towards our goal of empowering girls in STEM. Passion is the sole driving force behind our efforts, in both technical and non-technical aspects of VRC. Creating a robot to the best of our abilities allows us to reach our full potential to contribute to world of engineering. We hope that we can empower more young girls to have the same mindset in the future.



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diseo BOTs

Our STEM role model is Dr. Jedidah Isler, a researcher and TED speaker who has continuously worked towards advocating for the necessity of women of colour to enter the world of STEM. Dr. Isler is noted for being the first African American female to receive a Ph.D. in astrophysics from Yale University. Dr. Isler is personally such an inspiring role model for our team, considering that our team members are all girls of colour. She showcases the need for diversity and promotes the need for a lack of barriers regarding minorities- whether that be on the basis of gender or ethnicity. Dr. Isler certainly inspires our team to be far more inclusive considering that through her actions she has proven that she is more than capable of defying stereotypes, which is something that our team aims to do as well. Just as Dr. Isler works to remove barriers in STEM, our team hopes to accomplish the same.

Seeing the lack of female engagement within our own community, we wish to provide young girls with the resources needed to excel in the world of STEM and nurture their passions in a way we were not encouraged to do so ourselves when we were younger. Within our own community, we have held a Girl Powered event on the International Day of the Girl where we had a number of young girls attend. At this event, the delegates had the opportunity to witness the joy STEM can bring as they built their own robots and made DNA necklaces. Additionally, our team did not stop here. We have also encouraged the younger sisters of our team members to join VEX IQ so that they too can eventually possess the same love for STEM our team members have.

Our mission holds great importance in our community. We believe our efforts will and have transpired into a change that is crucial in our society, which is to make the idea of Girl Powered a reality.

We are Team 11004G and this is our story.
What will yours be?

~Team 11004G
