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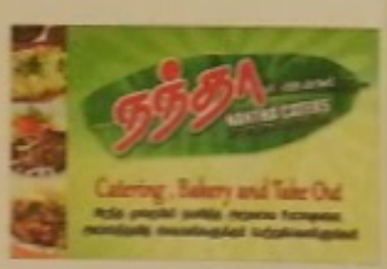

King Lakeridge Ltd.

CRYSTAL CLOUD

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Website : www.phronesis-group.net

PHRONESIS

We don't Change Tires
We Change Minds

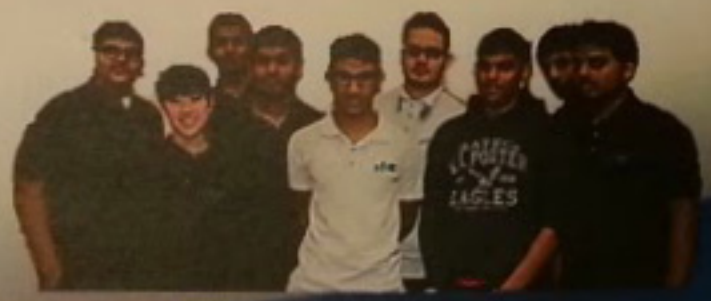
SATEC

www.phronesis-group.net

Our Team

We are SATEC@W.A Porter's Formula 1 in Schools team, Phronesis Group. We are a group of tenth graders that have a passion for technology. We want to test our skills at this competition and come out with learning valuable life long skills.

Our team is composed of six members ; Menojh Jeyakumar, Muneeb Javed, Vipooshan Sivaruban, Lucksen Nirusen, Debrish Sarma, Tevin Devasigayam. They are the team manager, manufacturing engineer, chief communications officer, manufacturing engineer, resources manager, and research and design specialist respectively. We are supported by Matthew Wong, Saumya Shah and Sarvajan Sakkarauthan.



Team Motto

The motto of the team is "We don't change tires, we change minds". The first half of the motto represents how we aren't going to go through the usual routine that a F1 team has to follow. We want to create new ideas that will affect the way people think about F1 in schools.

We don't change tires, We change minds

Team Name

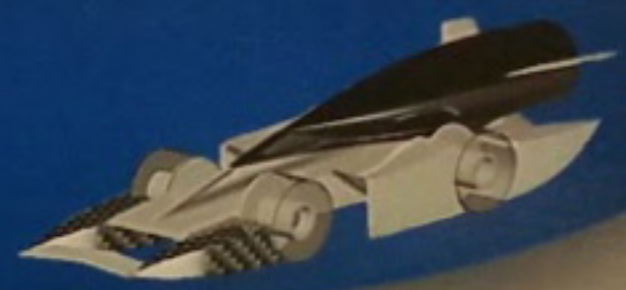
The definition of Phronesis is "practical wisdom". Practical wisdom is how someone judges what is worth doing together with the ability to get it done.

Skills employed

- AutoCAD
- 3D printing
- Photoshop
- Molding
- CNC Lathing
- Woodworking
- CNC Milling
- Public speaking skills

CRYSTAL CLOUD

The Car



The formula one car is based off the Sears-Haack body, which is a shape with the lowest theoretical drag coefficient. Bullets, rockets, and many other objects that travel at extreme speed are based off of this shape. The car can be divided into three sections; right side, left side and center. Each are shaped like the Sears-Haack body.

All supersonic aircraft have delta shaped swept-back wings which reduce drag and allow for a higher top speed. The car is given dihedral on the wings similar to the tail of an F 22 raptor providing horizontal stability as well as lateral stability