

GOLD AWARD

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“TVGC : Travel Visitation & Game Center”

School: **Maltby Intermediate School**
South Lyon

Teacher: **Mrs. Catherine Wagner**

Mentor: **Arthur Brown**



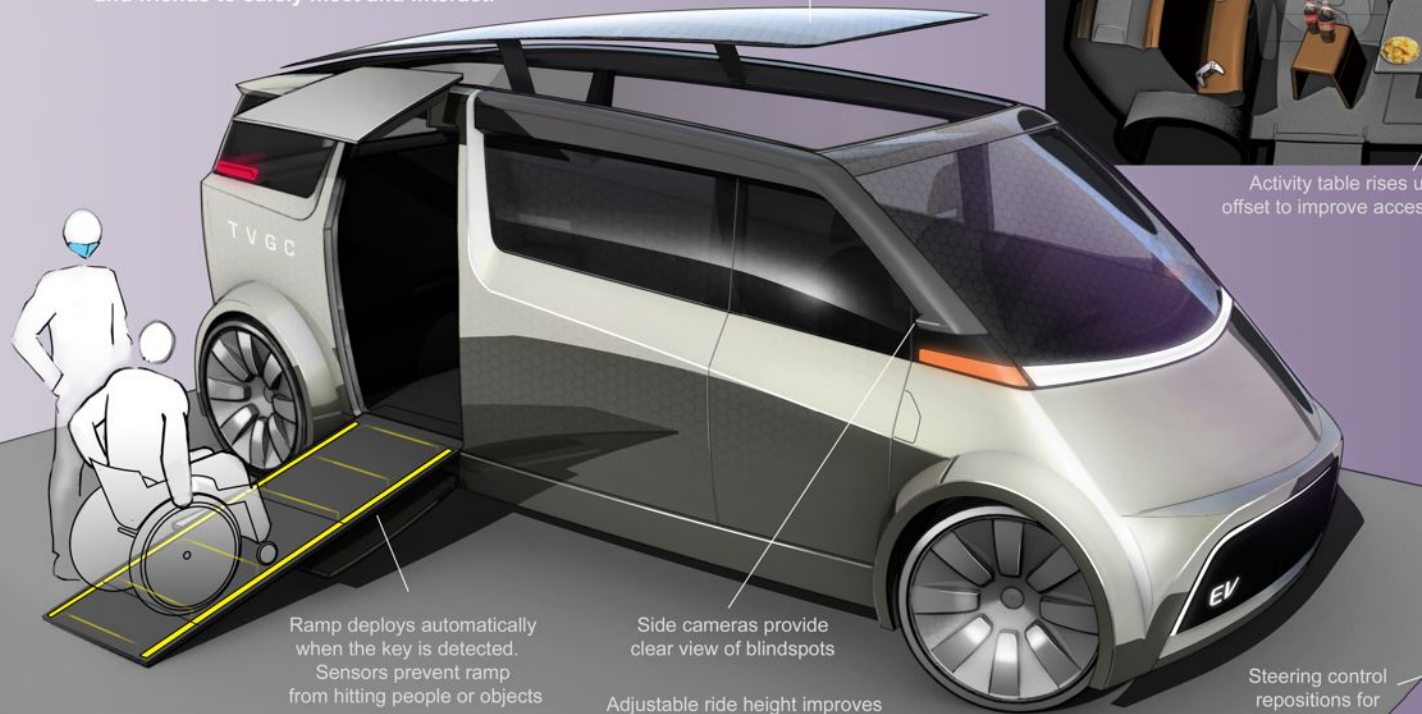
Design Concept:

Our concept is a visitation vehicle that all people can use safely. We did this because visitation is tricky with all of the people in the area so we created the vehicle so that a small group of people can use it. This is created so all can use it.

Travel, Visitation, & Gaming Center

TVGC

An accessible electric vehicle offering comfortable multi-purpose space for small groups of family and friends to safely meet and interact.



Transparent solar roof panel opens for fresh air and more head room

Ramp deploys automatically when the key is detected. Sensors prevent ramp from hitting people or objects

Side cameras provide clear view of blindspots

Adjustable ride height improves aerodynamics and ingress/egress

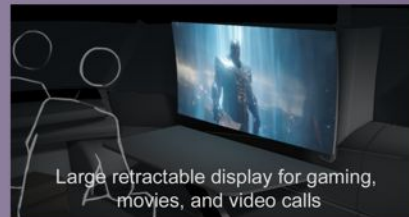


Movable stools store in wall panels

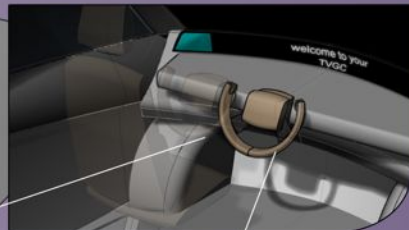
Large window to view outside activities

Driver seat folds into the floor, and steering under the dash, when not needed.

Activity table rises up from floor and is offset to improve accessibility through cabin



Large retractable display for gaming, movies, and video calls



Steering control repositions for better accessibility.

With throttle and brake buttons on steering, no foot pedals required.

