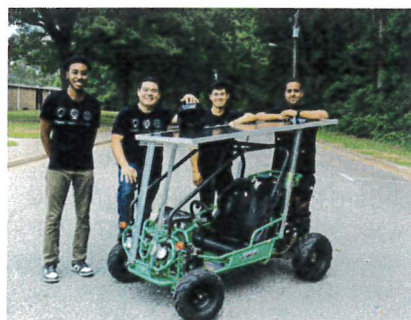


## SUMMER Solar GO KART Grades 6-8

Class Type	Day of the Week	Week 1	
Virtual	Tuesday	Day 1	Orientation and Student Engagement Cards - Welcome with Tayla and Instructors
Virtual	Wednesday	Day 2	Solar Technology: Solar Fan Part 1
Virtual	Thursday	Day 3	Solar Technology: Solar Fan Part 2
Class Type	Day of the Week	Week 2	
Virtual	Tuesday	Day 1	Rally Cars: Engage
Virtual	Wednesday	Day 2	Rally Cars: Explore
Virtual	Thursday	Day 3	Rally Cars: Innovate Hydraulic Schock Absorber
Class Type	Day of the Week	Week 3	
Virtual	Tuesday	Day 1	Solar Droid: Part 1
Virtual	Wednesday	Day 2	Solar Droid: Part 2
Virtual	Thursday	Day 3	STEM+ Phenom
Class Type	Day of the Week	Week 4	
Virtual	Tuesday	Day 1	RC Car Build: Part 1
Virtual	Wednesday	Day 2	RC Car Build: Part 2
Virtual	Thursday	Day 3	RC Car Testing and Troubleshoot
Class Type	Day of the Week	Week 5	
In-Person	Tuesday	Day 1	Go-Kart Construction Part 1
In-Person	Wednesday	Day 2	Go-Kart Construction Part 2
In-Person	Thursday	Day 3	Go-Kart Construction Part 3
Class Type	Day of the Week	Week 6	
In-Person	Tuesday	Day 1	Racing Simulator
In-Person	Wednesday	Day 2	Go-Kart Performance Troubleshoot
In-Person	Thursday	Day 3	Go-Kart Competition & Celebration FEST with Students



Note: The video links above are teasers. These videos do not capture the entirety of each expedition.

What do these kits look like? <https://vimeo.com/538633108/292933b6e0>  
Material kits will be shipped to a central distribution address or to the individual school sites prior to the start date of the program upon receipt of payment. Delivery times are subject to change based on shipping and availability of materials.

**Staff Professional Development:**  
Flying Classroom provides a concierge-level of service that supports teachers and administrators through virtual professional developments. Sessions are tailored to incorporate evidence-based instructional strategies, improve instructional practices, enhance student engagement and address learning loss. Our PD drives powerful results that start with teachers, impact students and lead to program-wide implementation successes.

**Teacher Testimonials:**

<https://vimeo.com/538646696/45fcd01778>  
*In-Person Professional Development Session*

Cost will include all materials, tools, and instruction from the Flying Classroom team.

**Cost Summary for City of Mt. Vernon Youth Bureau:**

- Total Enrollment: 10-15 students (Grades 6-8)
- Special Program (Summer 2025) Total Cost: \$45,000.00
- Professional Development for Educators: Free of charge
- Includes: All tools, equipment, and materials
- Additional Benefit: 2 Solar Go-karts, which will remain with the Youth Bureau after the program concludes.

Grand Total Cost: \$45,000.00

Virtual and In-Person STEM+ Solar GO KART Exploration Series:

Content Focus: The suggested expedition topics have been aligned to national standards and selected specifically for the City of Mt. Vernon Youth Bureau





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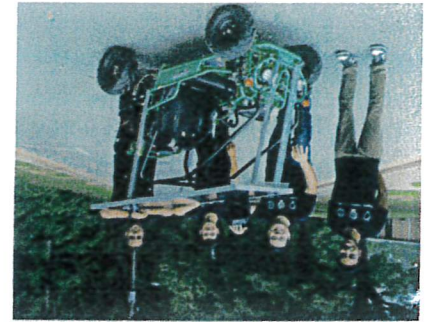
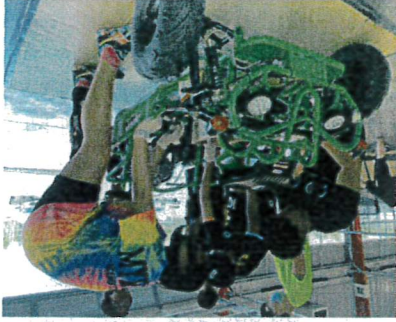
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## SUMMER Solar GO KART Grades 6-8

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Virtual	Tuesday	Day 1	Orientation and Student Engagement Cards - Welcome with Tayla and Instructors	Tuesday	Day 1
Virtual	Wednesday	Day 2	Solar Technology: Solar Fan Part 1	Wednesday	Day 2
Virtual	Thursday	Day 3	Solar Technology: Solar Fan Part 2	Thursday	Day 3
<b>Week 2</b>					
Virtual	Tuesday	Day 1	Rally Cars: Engage	Tuesday	Day 1
Virtual	Wednesday	Day 2	Rally Cars: Explore	Wednesday	Day 2
Virtual	Thursday	Day 3	Rally Cars: Innovate Hydraulic Shock Absorber	Thursday	Day 3
<b>Week 3</b>					
Virtual	Tuesday	Day 1	Solar Droid: Part 1	Tuesday	Day 1
Virtual	Wednesday	Day 2	Solar Droid: Part 2	Wednesday	Day 2
Virtual	Thursday	Day 3	STEM+ Phenom	Thursday	Day 3
<b>Week 4</b>					
Virtual	Tuesday	Day 1	RC Car Build: Part 1	Tuesday	Day 1
Virtual	Wednesday	Day 2	RC Car Build: Part 2	Wednesday	Day 2
Virtual	Thursday	Day 3	RC Car Testing and Troubleshoot	Thursday	Day 3
<b>Week 5</b>					
In-Person	Tuesday	Day 1	Go-Kart Construction Part 1	Tuesday	Day 1
In-Person	Wednesday	Day 2	Go-Kart Construction Part 2	Wednesday	Day 2
In-Person	Thursday	Day 3	Go-Kart Construction Part 3	Thursday	Day 3
<b>Week 6</b>					
In-Person	Tuesday	Day 1	Racing Simulator	Tuesday	Day 1
In-Person	Wednesday	Day 2	Go-Kart Performance Troubleshoot	Wednesday	Day 2
In-Person	Thursday	Day 3	Go-Kart Competition & Celebration FEST with Students	Thursday	Day 3



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