

NASCAR – Acceleration Nation
Tuesdays, 9:00-10:30
Instructor: Laura Erlig

NASCAR racecars can reach speed of more than 200 miles per hour. How do they do it? The NASCAR ACCELERATION NATION program brings STEAM and reading alive in the classroom with fun, hands-on experiments that teach about aerodynamics and energy. Students will build their own car and use it for experiments to explain the following concepts

Focuses on Aerodynamics – the 3D's of Speed

- Drag
- Downforce
- Airflow
- Drafting

Focuses on Energy and NASCAR

- Potential Energy
- Kinetic Energy
- Energy and Speed
- Friction and Energy

If students are interested in going to see a NASCAR race, then families should email me at laura@onesparkacademy.com. I will order tickets by December 20th through AAA, which will cost \$125 per person. All those attending will have an exclusive meet & greet experience with Joey Logano and get their picture taken with him. They will receive a pre-race pit pass and have a ticket to the Auto Club 400 (rows 24-33). The race is scheduled to be on March 17th, which would be a cool way to end our class.