



JUNE 28TH AND 29TH TRAC SUMMER WORKSHOP

The Math, Science and Gifted Department and Broward Metropolitan Planning Organization would like to invite all Physics and Physical Science teacher to join us for an amazing, hands-on workshop this summer. Each module incorporates the physics involved in transportation planning. Participating teachers will choose a module to receive and use at their schools!! Follow-up and teacher feedback must be completed to receive the module.



SUMMER PHYSICS
AND PHYSICAL
SCIENCE
WORKSHOP

MAGNETIC
LEVITATION
MODULE!

MOTION AND
TRANSPORTATION
ENGINEERING
MODULE!

AND MORE!!

BROWARD MPO

100 West Cypress Creek
Road
Suite 850
Ft. Lauderdale

www.browardMPO.org

June 28, 2016

June 29, 2016

TRAC Training for Broward Schools
June 28 & 29, 2016 8AM to 3PM
Broward Metropolitan Planning Organization Board Room

What is TRAC?

TRAC (Transportation and Civil Engineering) is a hands-on, educational outreach program of the American Association of State Highway Transportation Officials (AASHTO). The TRAC program is designed for integration into science, technology, engineering, and math (STEM). State Departments of Transportation provide the program free of charge to middle and high schools in their state. The Broward MPO has worked with the Federal Highway Administration (FHWA) to bring this training to Florida. We hope to make this an annual training event.

Vision: To deliver educational outreach programs that connect students to the world of transportation while enhancing math, science, and technology skills.

Mission: To introduce students in grades K-12 to the working world of transportation, especially civil engineering, and inspire them to consider careers in those fields.

For more information visit http://mmsd.transportation.org/trac_rides/

What is the Broward MPO?

The Broward MPO is a transportation policy-making board responsible for transportation planning and funding allocation in Broward. The Broward MPO works with the public, planning organizations, government agencies, elected officials, and community groups to develop transportation plans. Our office address is below, for directions select the “Contact Us” page at www.BrowardMPO.org

See over for the Training Agenda – We look forward to meeting you!

Tuesday, June 28, 2016 - Day One TRAC Training Workshop

7:45 a.m. – 8 a.m.	Registration
8 a.m. – 8:15 a.m.	Welcome to the Broward Metropolitan Planning Organization and Introductions
8:15 a.m. – 10:15 a.m.	Magnetic Levitation Module (Learning is on the Rise)
10:15 a.m.	Break
10:25 a.m. - 12:30 p.m.	Motion and the Transportation Engineer (Physics on the Move)
12:30 p.m. – 1:30 p.m.	Lunch (SkyBox Café on the Same Floor as well as options close by)
1:30 p.m. – 2:50 p.m.	Traffic Technology (Giving Science the Green Light)
2:50 p.m. – 3:00 p.m.	Feedback on Day One
3 p.m.	Day One Completed

Wednesday, June 29, 2016 - Day Two TRAC Training Workshop

8 a.m. – 8:15 a.m.	Recap of Day One/Questions
8:15 a.m. – 10:15 a.m.	Bridge Builder Module (Building Math Skills)
10:15 a.m.	Break
10:25 a.m. – 11:30 a.m.	Bridge Builder Module continues...Let's Talk National Bridge Competition
11:30 a.m. – 12:30 p.m.	Lunch (SkyBox Café on the Same Floor as well as options close by)
12:30 p.m. – 3 p.m.	Developing Lessons Plans (Implementing TRAC Modules in Broward Schools)
3 p.m.	Training Closes

Any questions before or after the training please contact Chris Ryan at (954) 876-0036 or ryanc@browardmpo.org