

ROCK HILL SCHOOLS 5TH GRADE 2021 EXPLORATION SUMMER CAMP

OBJECTIVE:

Provide project-base learning enrichment which integrates core content knowledge with design and engineering practices to build skills that are valuable in all learning.

COST: FREE

This opportunity is **FREE** to current middle school students in Rock Hill schools.

Enrollment is inclusive and on a first come, first serve basis. Bus transportation is available.

REGISTRATION:

SIGN UP HERE:

<https://forms.gle/4M5pdPXFTUy6qT6JA>

REGISTER BY:

May 5th - Early decision

June 9th - Registration extension



Contact
David Consalvi
dconsalvi@rhmail.org
with questions

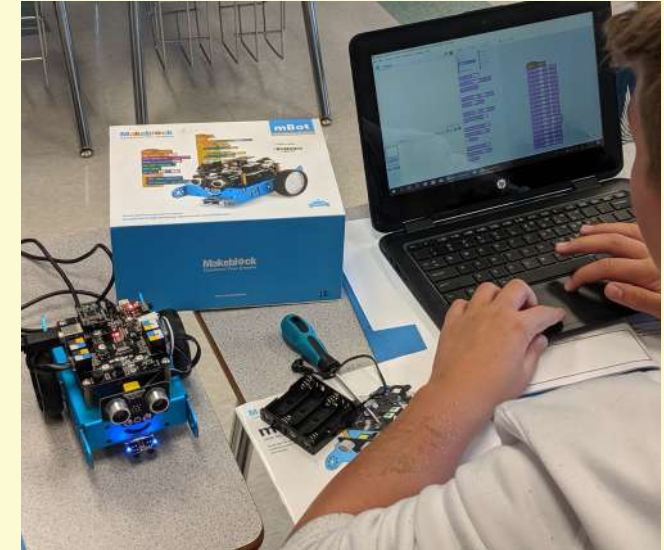


LOCATION:

Castle Heights Middle School

Rock Hill Schools
386 E. Black Street
Rock Hill, SC 29730

A diverse, innovative, educational experience enabling students to discover their potential and inspire success.



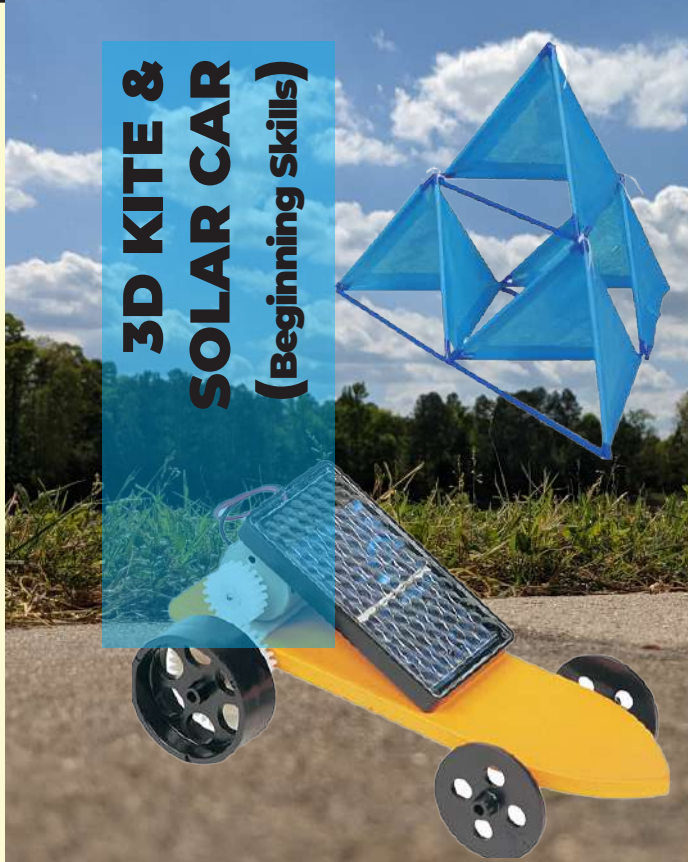
WHEN: JULY 12 - 22

CAMP SESSIONS: 8:30 - 2:30 M-TH

Smart Robot Car : Two weeks -
July 12 - July 22, (M - Th - 8 days)

Engineering and Design: One week -
July 12 - July 15, (Session 1 - 4 days)
July 19 - July 22 (Session 2 - 4 days)

Explore how content and discovery come together with inquiry and innovation.



3D KITE & SOLAR CAR (Beginning Skills)

Open to anyone; no prior knowledge or skills expected

Activities include:

- Create a 3D kite
- Create a solar-powered car
- Excel graphing and analysis
- Water balloon catapults
- Color Marbling on Canvas

Learn: Design, Physics, Engineering, Electrical circuits, Journaling, Goal setting and project planning



SMART ROBOTIC CAR (Intermediate Skills)

Basic skills with detailed assembly of small parts; ability to learn basic coding; ability to follow multistep procedures and instructions.

Activities include:

- Robotic Programmable Smart Car
- Water balloon catapults
- Color Marbling on Canvas
- Determine the value of Pi

Learn: Electronics assembly, Programming, Robotics, Journaling, Goal setting and project planning, Excel graphing and analysis