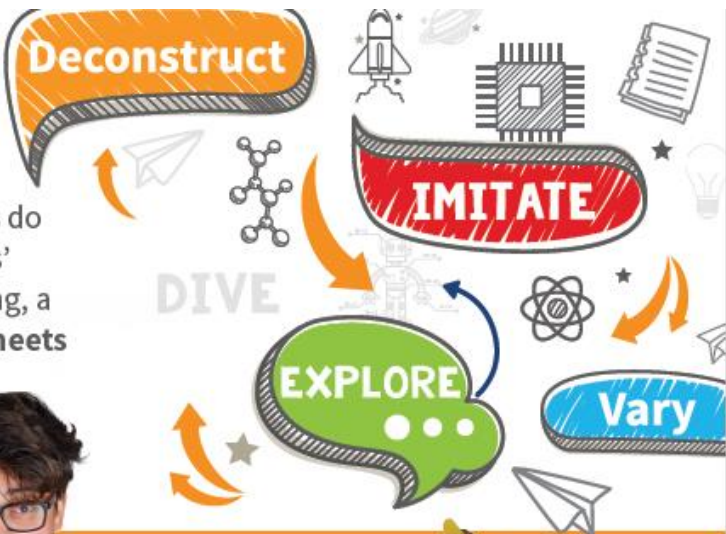


# Dive into Summer with District 7 STEM Summer Enrichment Opportunities



This is what real-world engineers do every day. Unleash your students' creativity with DIVE-in Engineering, a curriculum where **makerspace meets engineering design** and being an engineer becomes a reality.



## THE DIVE MODEL

In each of the available prototypes, students explore a different engineering challenge and develop critical thinking skills using our engineering lesson model, DIVE.

### DECONSTRUCT

Working the way engineers do, students begin by taking apart a working prototype, making recordings, taking measurements, and creating diagrams.

### IMITATE

Now students are ready to reverse engineer the prototype, making their own version of what they deconstructed.

### VARY

Students analyze what they have created and brainstorm ways to enhance it, e.g. different materials, faster speeds, higher flying altitudes, increased carrying capacity, etc.

### EXPLORE

Students apply what they have learned through the engineering design process to a real-life situation: how can their innovation make a difference in the real world?

Grades 3-5  
Rubber Band Car  
June 13-17  
9:00 a.m.-11:00 a.m.

Grades 6-8  
Motor Car  
June 20-24  
9:00 a.m.-11:00 a.m.

Where?	Lincoln Middle School Rooms 302, 304
Cost?	\$50
Questions?	Contact Julie Dean 618 655-6021

*Please mail or bring payment to:  
District 7 Center for Learning  
1210 N. Main Street  
Edwardsville, IL 62025*

*Please make checks payable to: ECUSD #7*