DAPCEP Saturdays

Fall 2019

September 7th - October 5th

BRADLEY University

PEORIA public schools

Join your friends and make new ones while exploring the exciting worlds of science, technology, engineering & math!

Courses:

- **Electrifying the World:** Students will learn some of the fundamental electrical engineering principles and explore the fundamentals of electrical circuits and the design and implementation of digital logic circuits.

- **Breaking the Code:** Students will learn about computer science and explore coding through hands on interactive course activities where they will learn and use concepts such as inputs, loops, variables, logic and functions.

- **Green is a Way of Life:** Each student will learn how engineering and science can contribute to a green focus on the environment that goes beyond exotic rain forests and deep oceans. While looking at the ecosystems hiding in plain sight, students will discover fundamentals of energy, energy balance, Peoria ecology, environmental and civil engineering. The responsibilities of scientists, engineers, and citizens for proper land use in order to minimize negative effects on people both locally and far away will be considered.

- **Mathematics and Music:** STEM (Science, Technology, Engineering and Mathematics) is a term used by many but STEAM (Science, Technology, Engineering, Art and Mathematics) is a term which includes the arts. In this class students will learn and use fundamental mathematics and engineering which will incorporate foundations of music team learning, problem solving skills and technology currently used by students such as graphing calculators.

Details:

For: 5th -8th grade students   **Time:** 9:00-1:00 p.m.   **Location:** Bradley University
1501 W. Bradley Ave. I Westlake Building

Register Online Today
www.dapcep.org/illinois