Camelot ES Makerspace Classes
Session 2:
April 17 - May 25, 2018

Class Registration:

Due Thursday, April 5th

to your classroom teacher

Camelot Makerspace

3rd - 6th Grade

Camelot Elementary School's Makerspace is a physical space located in our school library that builds on the national Maker movement. A Makerspace by definition provides physical outlets for messy and creative thinking, innovating, and creating. The Camelot Makerspace hosts before and after school classes for Camelot students and is open to grade level classes during the school day.

REGISTRATION INFORMATION

Classes are held once a week on the day noted, and will be taught or supervised by Camelot staff members. All classes will be held in the Library. Students enrolled in SACC will be picked up/dropped off, if necessary. If a student is not in SACC, it is the child's guardians' responsibility to ensure that the student is **brought on time (for before school classes) or picked up on time (for after school classes). All instructors are donating their time and efforts; prompt pick-up of students is essential.**

Class enrollment will be selected *by a lottery* of all registration forms turned in to classroom teachers **by Thursday, April 5th.** Confirmation of enrollment will be sent home on Thursday, April 12th in the Thursday folder. Classes begin the following week. No classes will be held when school is not in session.

COURSE DESCRIPTIONS

SCRATCH Programming

Grades 3-6
Mondays 8:00 - 8:55 a.m.
Students will use the SCRATCH application to begin to develop programming skills by re-creating an interactive game, similar to the Atari's classic Space Invaders. Students will be given a brief introduction to Scratch, a demonstration of the final product and then challenged to program the game themselves with the support of experienced software engineers.

Wearable Design

Grades 3-6
Wednesdays 8:00 - 8:55 a.m.
Following "making" principles, students will learn several techniques using the design process to make wearable objects. Depending on the interests of the students, these may be jewelry, textile, or accessory-based. The focus of this class will be on practice and revision to create a satisfying final product.

(SEE BACK OF PAPER FOR MORE CLASSES—->)

Robotics (Part 2) Priority will be offered to those who participated in Part I this past fall.
Grades 3-6
Mondays 3:50 - 4:50 p.m.
Using a set of weekly hands-on activities, participants will learn the basic principles of robotics, as well as their myriad uses. Students will use Lego Mindstorms NXT to explore robotic concepts such as sensing, motion, and logic. This class is intended to be a broad introduction to the topic of robotics.

REGISTRATION FORM

Rank classes in order of preference.

DUE Thursday, April 5th

Student Name: _____

Teacher: _____

Parent/Guardian Contact:

Name: _____

Phone: _____

E-mail Address: _____

Class Preference (1=top choice; 2=2nd choice, etc.)

Primary:

_____ SCRATCH Programming

_____ Wearable Design

_____ Robotics (Part 2)

EMERGENCY CONTACT

This person/people have permission to pick up my child in a case when I cannot be reached:

Name: _____ Phone Number: _____

Name: _____ Phone Number: _____