

E-CADET at Home 2020

Presented by Team 4063

Project Overview:

Members of Team 4063 will lead weekly Zoom sessions with area 3rd-5th graders. Participants earn points for completed activities, with awards presented mid-December.

Topics:

- Week 1: Core Values, Gracious Professionalism, and Safety
- Week 2: Block-based Programming and Logic
- Week 3: Computer-aided Design (CAD)
- Week 4: Cumulative design project to address real-world issues

Weekly Agenda:

- Presentation by Team 4063 over topic
- Walkthrough by Team 4063 over website tools
- Creative time for participants to explore and design

Requirements:

Computer, laptop, or tablet with Internet. No additional programs needed for installation or purchase.

There is no cost for enrollment.

Websites:

All online tools are age-appropriate and recommended by FIRST At Home.

- Scratch (scratch.mit.edu)
- Autodesk Tinkercad (tinkercad.com)

Awards:

Individual awards will be based on rubrics inspired by FIRST At Home. School-wide awards will be presented at the end for participation and enrollment.

When:

Meetings will be once a week for approximately 1 hour and 15 minutes starting November 9th (no meetings Thanksgiving break). Parents can enroll their child through a registration link on team4063.com. Multiple timeslots will be available for selection. All timeslots will be after school and supervised by at least one Team 4063 coach.