**Redland Elementary VEX IQ Robotics Team**

**General Information**

Our school is excited to announce that we will have a 2020-2021 Redland Elementary Robotics Team! We will participate in the VEX IQ challenge where teams of students are tasked with designing and building a robot to compete with other teams in a game-based engineering challenge. Classroom STEM concepts are put to the test as students learn lifelong skills in teamwork, leadership, communications, and more. Tournaments are held year-round at the regional, state, and national levels and culminate at VEX Robotics World Championship each April/May.

**Criteria:** This club is open to a limited number of 5th-6th graders that can regularly attend after school club meetings, participate in elementary qualifiers, and attend some Saturday tournament competitions.

**What:** Our team will be responsible for creating and maintaining a working robot that meets this year’s challenge as well as an engineering notebook. Time during the team meetings will be used to build and program robots and maintain the engineering notebook.

**Club Fees:** Estimated cost is $95 per child for the season (nonrefundable). This fee includes the meetings, access to the robot materials and coding program, VEX IQ competition fees, t-shirt, and end-of-season party.

**Application:** We will have a 12-member team. Any student interested in applying must return the attached parent-student-coach agreement form prior to Tuesday, March 17th. Students who return a form with a parent signature will complete an application **at school on Tuesday, March 17th.** The application is designed to assess interest level, knowledge level, and problem solving skills. The teachers of applicants will be given a recommendation form to complete for each individual applicant. The teacher will give completed recommendation forms to the robotics coaches. A rubric will be used to select the 12-team members.