

Robotics League Proposal – \$4,500.00

1. Create a "Getting Started Kit," to launch a new team in Ketchikan.

- Background: Ketchikan used to have teams at Houghtaling, Schoenbar and Fawn Mountain, as well as Metlakatla and sometimes, SE Island School District on Prince of Wales. The teams have dwindled to just Fast Track/Pace Homeschool and Charter School. We hope to motivate new teams at schools by providing a new Lego Robot Kit, a laptop for programming and one registration/materials kit for next season's Lego Robot Challenge.
- Registration and Challenge Kit: \$325.00
- One core Lego Robot Kit with programmable brain: \$474.00
- One Apple Mac Air laptop: \$1,100.00

2. Support for rising team at Charter School

- One core Lego Robot Kit with programmable brain: \$474.00
- Three EV3 small motors to make robot design more flexible: $3 \times \$35.00 = \105.00
- One EV3 large motor to increase flexibility in robot design: \$40.00
- One Apple Mac Air laptop: \$1,100.00, or 2 rebuilt/used Mac computers @ \$550.00 each.

3. Support for home school teams:

- Three EV3 small motors to make robot design more flexible: $3 \times \$35.00 = \105.00
- One EV3 large motor to increase flexibility in robot design: \$40.00

4. Airfare for AK Robot Coach/Trainer to come to Ketchikan from Juneau for summer

- Lego Robot camp for grades 4-8: \$500.00
- Stipend for AK Robot Camp Coach/Trainer: \$225.00

Total: \$4,488.00