

NW18-015

September 13, 2018

To: SPEEA NW Council Members

From: 2018-2019 SPEEA NW STEM Grant Review Committee

Subject: Pre-Submitted New Business: Distribution and Disbursement of STEM Funds

### **Background**

The SPEEA NW Council commissioned the SPEEA NW STEM Grant Review Committee to review applications and recommend a distribution of the budgeted STEM fund, which is \$40,000 for the 2018-2019 year. SPEEA received 70 applications for support to STEM related activities. The committee has met to review the applications and discuss the fund distribution. Our grant award recommendations are summarized in the table below.

The vast majority of the applications are from FIRST Robotics teams. We recommend standard grant awards of:

\$900.00 for High School FIRST Robotics Competition (FRC),

\$360.00 for Junior High School FIRST Tech Challenge (FTC), and

\$180.00 for 4<sup>th</sup>-8<sup>th</sup> Grade FIRST Lego League (FLL)

Other non-robotics activities were evaluated for recommended grant awards of relative value on that scale.

### **Motion**

**It is moved that the SPEEA NW Council distribute the allocated fund for 2018-2019 SPEEA STEM Grant awards in the following manner:**

SCHOOL / ORGANIZATION NAME	TEAM NAME / ACTIVITY	PROPOSED GRANT AMOUNT
Sedro Woolley High School Sedro Woolley, WA 98284	RoboCubs FLL 22106 FTC 9517 FRC 4205	\$1170
Roosevelt High School Seattle, WA 98115	Iron Riders FRC4180 FTC9057	\$1080
Sabin-Schellenberg Center, Professional Technical Milwaukie, OR 97267	Sabin Sharks FRC 4051	\$900
Bishop Blanchet High School Seattle, WA 98103	BraveBots FRC 4682	\$900
Metal Beavers Robotics Portland, OR 97266	Metal Beavers Robotics FRC 1432	\$900
Capital High School Olympia, WA 98502	Olympia Robotics Federation (ORF)/4450	\$900

Inglemoor High School Kenmore, WA 98028	Inglemoor High School Science Olympiad	\$180
Cascade High School Everett, WA 98203	Cascade Bear bots FRC 4512	\$900
Cedarcrest High School Duvall, WA 98019	Stealth Robotics FRC 4089	\$900
Seattle Lutheran High School Seattle, WA 98116	SeaBot FRC 1258	\$900
Highline High School Burien, WA 98148	High Tekerz FRC 3574	\$900
Highline High School Burien, WA 98148	Pirtate Tekerz FTC 11109	\$180
US Grant High School Portland, OR 97212	General Robotics FRC 3636	\$900
St. Pius X School Mountlake Terrace, WA 98043	Grinding Gears FLL 31355	\$180
Arlington School District Arlington, WA 98223	Neo-Bots FRC 2903	\$900
SWE-PNW Bellevue, WA 98009	Society of Women Engineers, Pacific Northwest Section - Outreach Committee	\$900
Christ the King School Seattle, WA 98133	FLL 30874	\$180
St Mary Magdalen Elementary Everett, WA 98208	St. Mary Magdalen School After School STEM Program	\$180
Issaquah High School Issaquah, WA 98027	Issaquah Robotics Society FRC 1318	\$900
Newport High School Bellevue, WA 98006	Newport Robotics Group (NRG) FRC 948	\$900
Holy Family School Auburn, WA 98002	Holy Family Robotics FLL 7505	\$180
Multiple	Corey Marshall	0
Mt. Baker Middle School Auburn, WA 98002	Bulldog Blitzers FTC 14829	\$270
Rosa Parks Elementary Redmond, WA 98053	Mechanical Sea Serpents, Team #34342A	\$180
Swerve Robotics Woodinville, WA 98077	Perpetual Velocity FTC 8923	0
Camas High School Camas, WA 98607	Team Mean Machine FRC 2471	\$900
Auburn Riverside High School Auburn, WA 98092	Hello World Robotics FRC 5683	\$900
Mt. Baker Middle School Auburn, WA 98002	Techo Dawgs FTC 13052	\$270
Auburn Senior High School Auburn, WA 98002	TREAD FRC 3219	\$900
WA Science Olympiad Cheney, WA 99004	Washington Science Olympiad	\$2540
Bonney Lake High School Bonney Lake, WA 98391	Panther Robotics FRC 3218	\$900

Woodinville High School Woodinville, WA 98072	Kobalt Klaws FTC 14370 Titanium Talons FTC 11970	\$540
All Saints Catholic School Puyallup, WA 98422	All Saints Robotics	\$180
Astoria High School Astoria, OR 97103	Astoria River Bots FRC 6845	\$900
Bellarmino Preparatory School Tacoma, WA 98405-1399	Bellarmino Prep Robotics Program, "The Revolution" FRC 360	\$900
Washington FIRST Robotics Kent, WA 98032	FRC 201900073	\$900
Auburn Mountainview High School Auburn, WA 98092	Lion Robotics FRC 2907	\$900
Underground Engineering Club Federal Way, WA 98003	Cant Find That Piece FTC 25622	\$360
Girl Scouts of Western Washington Dupont, WA 983627	Sharing Science with Girl Scouts	0
Washington FIRST Robotics Kent, WA 98032	FTC Rose Dragons FTC 12506	\$360
Washington FIRST Robotics Kent, WA 98032	Mini-Taurs FLL 14302	\$180
Seattle Christian School SeaTac, WA 98188	Apex Robotics FRC 5803	\$900
Illini Robotics Champaign, IL 61821	Ctrl-Z FRC 4096	0
Glacier Peak High School Snohomish, WA 98296	Sonic Squirrels FRC 2930	\$900
Shorecrest High School Shoreline, WA 98155	Shorecrest TSA Club	\$360
Raisbeck Aviation High School Tukwila, WA 98108	Phoenix Force FRC 201900145	\$675
Alliance High School at Meek Portland, OR 97211	Rebal Alliance FRC 2411	\$900
Skyview Middle School Bothell, WA 98021	Skyview Middle School Robotics	\$180
Shorewood High School Shoreline, WA 98133-5299	Team Pronto FRC 3070	\$900
Beaver Lake Middle School Issaquah, WA 98029	Beaver Lake Robotics 201801204, 201801205, 201801206, 20180127, 201800395	0
Apollo Elementary School Renton, WA 98059	Hydrobots FLL 32235	\$90
Briarwood Elementary School Renton, WA 98059	Golden Robots FLL 32239 Bearpolcalypse FLL 32240 HydroThunder FLL 32241 Blazers FLL 32242 UnBEARable FLL 201802736	\$360

Endeavour Elementary School Issaquah, WA 98029	Endeavour Robotics 201801185, 201801190, 201801192, 201801193	0
Maple Hills Elementary School Renton, WA 98059	MH Eagles 201800753, 201800756, 201800757	0
Newcastle Elementary School Renton, WA 98059	Lion Gears FLL 23732 Lion Sprockets FLL 24147 Lion Gizmos FLL 32244 Lion Widgets FLL 32245	\$360
Sunny Hills Elementary Sammamish, WA 98075	Sunny Hill Robotics 20181194, 201801195, 201801196, 201801197	0
Liberty High School Renton, WA 98059	The Iron Patriots FRC 4131	\$900
Gibson Ek High School Issaquah, WA 98027	Gibson Ek Community Robotics FTC 13211	\$180
Gibson Ek High School Issaquah, WA 98027	Gibson EK Robotics FTC 11487	\$180
Hazen High School Renton, WA 98059	Hazen FTC Robotics FTC 8693	180
Maywood Middle School Renton, WA 98059	Maywood 201800808, 201800812, 201800813, 201800814, 201800282	0
Pine Lake Middle Sammamish, WA 98075	Pine Lake Robotics 2018011200, 201801201, 201801202, 201801203, 201800395	0
Thomas Jefferson High School Auburn, WA 98001	R.A.I.D. FRC 4469	\$900
Washington State Science & Engineering Fair Bremerton, WA 98337	Washington State Science & Engineering Fair (WSSEF)	\$2360
Overlake Composite Squadron Civil Air Patrol Redmond, WA 98052	Overlake Composite Squadron, Civil Air Patrol	\$360
Endeavour Intermediate School Milton, WA 98354	Mrs. William's Class	0
Cedar Park Christian School Bothell, WA 98011	Cedar Park Robotics FRC 3663	\$900
Raisbeck Aviation High School Tukwila, WA 98108	Skunk Works Robotics FRC 1983	\$675
Hazelwood Elementary School Auburn, WA 98092	Hazelwood Elementary FLL 12155 & 29238	\$270
Washington FIRST Robotics Kent, WA 98032	Terrific TechBots FTC 14563	\$360