

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

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

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

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