

File ID Number	21-3110
Introduction Date	1/12/22
Enactment Number	
Enactment Date	
By	



**OAKLAND UNIFIED SCHOOL DISTRICT  
Office of the Board of Education**

January 12, 2022

To: Board of Education

From: Kyla Johnson-Trammell, Superintendent  
Sondra Aguilera, Chief Academic Officer  
Rebecca Lacocque, Director of Linked Learning  
Samuel Berg, Computer Science Coordinator

Subject: Grant Award - FIRST Robotics Stewardship Team Sponsorship - High School Linked Learning

**ACTION REQUESTED:**

Acceptance by the Board of Education of a Grant Award to the District from FIRST (First Inspiration and Recognition of Science and Technology) Stewardship Team, in the amount of \$ \$20,181.00, to support FIRST Robotics Teams for Frick United School of Language, McClymonds High School, and Oakland High School, for the period of July 1, 2021 to June 30, 2022, pursuant to the terms and conditions thereof for the grant years, if any.

**BACKGROUND:**

Grant Award for OUSD schools for the 2021-2022 fiscal year was submitted for funding as indicated in the chart below. The Grant Face Sheet and grant application packets are attached.

File ID #	Backup Document Included	Type	Recipient	Grant's Purpose	Time Period	Funding Source	Grant Amount
21-3110	Yes	Grant	Oakland Unified School District via the High School Linked Learning Office	To support participation of middle and high school students in the FIRST Robotics Challenges, providing students with opportunities to apply their engineering and computer science skills and participate in regional robotics competitions.	July 1, 2021 - June 30, 2022	FIRST Stewardship Team	\$20,181.00

**DISCUSSION:**

The District created a Grant Face sheet process to:

- Review proposed grant projects at OUSD sites and assess their contribution to sustained student achievement
- Identify OUSD resources required for program success

OUSD received a Grant Face Sheet and a completed grant application for the program listed in the chart by the school.

**FISCAL IMPACT:**

The total amount of grants will be provided to OUSD schools from the funders.

- Grants valued at: \$20,181.00

**RECOMMENDATION:**

Approval by the Board of Education of a Grant Award for [OUSD schools] for fiscal year 2021-2022, pursuant to the terms and conditions thereof, for the grant year, if any.

**ATTACHMENTS:**

Grant Face Sheet

Grant Award Notification Letters:

Team 19658 - Frick United Academy of Language

Team 19514 - Oakland High School

Team 19752 - McClymonds High School

Budget - OUSD FTC Investment Summary 2021-2022 FIRST Season

OUSD Grants Management Face Sheet

<b>Title of Grant:</b> FIRST Robotics Stewardship Team Sponsorship	<b>Funding Cycle Dates:</b> July 1, 2021 – June 30, 2022
<b>Grant’s Fiscal Agent:</b> (contact’s name, address, phone number, email address)  <b>FIRST Stewardship Team</b> For Inspiration and Recognition of Science and Technology 200 Bedford Street Manchester, NH 03101 Phone: 603.666.3906 x 0 teamgrants@firstinspires.org www.firstinspires.org	<b>Grant Amount for Full Funding Cycle:</b>  <div style="text-align: right;">                     Frick United- \$6,727.00                      Oakland High - \$6,727.00                      McClymonds - \$6,727.00                 </div> <hr style="width: 80%; margin: auto;"/> <div style="text-align: right; font-weight: bold;"> <b>TOTAL - \$20,181.00</b> </div>
<b>Funding Agency:</b> The Walt Disney Company c/o FIRST Stewardship Team 200 Bedford Street Manchester, NH 03101	<b>Grant Focus:</b>  To support the FIRST Tech Challenge Robotics Teams
<b>List all School(s) or Department(s) to be Served:</b> Frick United School of Language, Oakland High School, McClymonds High School	

Information Needed	School or Department Response
How will this grant contribute to sustained student achievement or academic standards?	Participation in the FIRST Robotics Challenges (FIRST Tech Challenge and FIRST Lego League) will provide students in middle and high school computer science and engineering programs with an opportunity to <i>apply</i> their academic skills to an authentic context—participating in regional robotics competitions.
How will this grant be evaluated for impact upon student achievement?  (Customized data design and technical support are provided at 1% of the grant award or at a negotiated fee for a community-based fiscal agent who is not including OUSD’s indirect rate of 4.22% in the budget. The 1% or negotiated data fee will be charged according to an Agreement for Grant Administration Related Services payment schedule. This fee should be included in the grant’s budget for evaluation.)	Computer Science Coordinator Sam Berg and CTE Coach of CS and Engineering programs Brenda Tuohy will work closely with the piloting teachers from the three identified schools to evaluate the effectiveness of the program and determine—based on teacher and student feedback—whether the program should continue or expand in OUSD.
Does the grant require any resources from the school(s) or district? If so, describe.	No
Are services being supported by an OUSD funded grant or by a contractor paid through an OUSD contract or MOU?  (If yes, include the district’s indirect rate of 4.22% for all OUSD site services in the grant’s budget for administrative support, evaluation data, or indirect services.)	Yes
Will the proposed program take students out of the classroom for any portion of the school day? (OUSD reserves the right to limit service access to students during the school day to ensure academic attendance continuity.)	No
Who is the contact managing and assuring grant	Name/Title: Sam Berg

compliance? (Include contact's name, address, phone number, email address.)	Site: 912 – Linked Learning Address: 1000 Broadway, Ste 440 Phone: (510) 779-8277 Email: sam.berg@ousd.org
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**Applicant Obtained Approval Signatures:**

Entity	Name/s	Signature/s	Date
Principal/Administrator	Rebecca Lacocque	<i>Rebecca Lacocque</i>	
Chief Academic Officer	Sondra Aguilera	<i>Sondra Aguilera</i>	12/13/2021

**Grant Office Obtained Approval Signatures:**

Entity	Name/s	Signature/s	Date
Senior Business Officer	Lisa Grant-Dawson		
Superintendent	Kyla Johnson-Trammell		

Approved as to form by OUSD Staff Attorney Joanna Powell on 12/9/2021.

*Joanna J. Powell*



**[EXTERNAL] Grant Award Notification-Team 19658**

1 message

**Team Grants** <teamgrants@firstinspires.org>  
To: "sam.berg@ousd.org" <sam.berg@ousd.org>  
Cc: Tracey Currier <tcurrier@firstinspires.org>

Mon, Nov 8, 2021 at 6:22 AM

Greetings FIRST Tech Challenge Team - 19658,

Congratulations! You have been approved for the following Grant(s) for the 2021-2022 *FIRST*<sup>®</sup> season:

Sponsor	Type	Amount
Disney	Unrestricted	\$6,727.00

**FIRST<sup>®</sup> Tech Challenge** teams, once you have met registration requirements, your **Registration and/or Product** grants will be available at our third-party administrator, Pitsco's storefront. Click the Team Shopping Cart link found under the Team Finances section of the Dashboard then click the *Select to Pay Pitsco* link. The Pitsco storefront will automatically apply registration and/or product grants to your account. Before proceeding, if you have an approved Registration and/or Product grant, you will see it on the initial storefront page.

*FIRST* Tech Challenge teams can now redirect their unrestricted grants by going to the Finance options drop-down in the team's Dashboard then choose *Redirect Grants*. **Please ensure the accuracy of the redirected amount as this cannot be reversed.** If you have any questions, please contact [grantsapproval@firstinspires.org](mailto:grantsapproval@firstinspires.org).

**Important:**

Teams receiving **Unrestricted Grants** should sign into their Dashboard account and click on the *Funds & Grants* link from the Team Finances section. If there is a credit amount available (above the regrant minimum) the *Request Regrant* link will be available.

Please send us a token of gratitude acknowledging the Sponsor's contribution(s) that we may share with them. Letters, cards, notes, pictures (and whatever else you can think of!) can be sent to the following address:

**FIRST<sup>®</sup>**

Attn: *FIRST Stewardship Team*  
[200 Bedford St.](#)  
Manchester, NH 03101

If you have any questions, please contact [Teamgrants@firstinspires.org](mailto:Teamgrants@firstinspires.org).

***Best of luck this season!***

***FIRST Stewardship Team***

***For Inspiration and Recognition of Science and Technology***  
[200 Bedford Street](#) | [Manchester, NH 03101](#) | [www.firstinspires.org](http://www.firstinspires.org)  
Phone: 603.666.3906 x 0 | [teamgrants@firstinspires.org](mailto:teamgrants@firstinspires.org)  
Connect: [Twitter](#) | [Facebook](#) | [Instagram](#) | [YouTube](#)



**[EXTERNAL] Grant Award Notification- Team 19514**

1 message

**Team Grants** <teamgrants@firstinspires.org>  
To: "sam.berg@ousd.org" <sam.berg@ousd.org>  
Cc: Tracey Currier <tcurrier@firstinspires.org>

Mon, Nov 8, 2021 at 6:23 AM

Greetings FIRST Tech Challenge Team - 19514,

Congratulations! You have been approved for the following Grant(s) for the 2021-2022 *FIRST*<sup>®</sup> season:

Sponsor	Type	Amount
Disney	Unrestricted	\$6,727.00

*FIRST*<sup>®</sup> **Tech Challenge** teams, once you have met registration requirements, your **Registration and/or Product** grants will be available at our third-party administrator, Pitsco's storefront. Click the Team Shopping Cart link found under the Team Finances section of the Dashboard then click the *Select to Pay Pitsco* link. The Pitsco storefront will automatically apply registration and/or product grants to your account. Before proceeding, if you have an approved Registration and/or Product grant, you will see it on the initial storefront page.

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Connect: [Twitter](#) | [Facebook](#) | [Instagram](#) | [YouTube](#)





**[EXTERNAL] Grant Award Notification- Team 19752**

1 message

Team Grants <teamgrants@firstinspires.org>  
To: "sam.berg@ousd.org" <sam.berg@ousd.org>  
Cc: Tracey Currier <tcurrier@firstinspires.org>

Mon, Nov 8, 2021 at 6:20 AM

Greetings FIRST Tech Challenge Team - 19752,

Congratulations! You have been approved for the following Grant(s) for the 2021-2022 *FIRST*<sup>®</sup> season:

Sponsor	Type	Amount
Disney	Unrestricted	\$6,727.00

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Connect: [Twitter](#) | [Facebook](#) | [Instagram](#) | [YouTube](#)



Draft Date **11-May-21**  
 Vinnie Rodino [VRodino@FIRSTinspires.org](mailto:VRodino@FIRSTinspires.org)

\$'s To Remain At FIRST (uploaded to team accounts)	# FTC Teams	# FTC Teams	# FTC Teams	# FTC Teams	# FTC Teams	# FTC Teams	# FTC Teams	# FTC Teams
# of FTC Teams	1	2	3	4	5	6	7	8
FTC Team Registration Fee 2021-2022	\$ 275.00	\$ 275.00	\$ 275.00	\$ 275.00	\$ 275.00	\$ 275.00	\$ 275.00	\$ 275.00
Max Sales Tax (11%) (waived if tax exempt)	\$ 30.25	\$ 30.25	\$ 30.25	\$ 30.25	\$ 30.25	\$ 30.25	\$ 30.25	\$ 30.25
Total FTC Team Registration Fee	\$ 305.25	\$ 305.25	\$ 305.25	\$ 305.25	\$ 305.25	\$ 305.25	\$ 305.25	\$ 305.25
<b>Total FTC Team Registration Fee</b>	<b>\$ 305.25</b>	<b>\$ 610.50</b>	<b>\$ 915.75</b>	<b>\$ 1,221.00</b>	<b>\$ 1,526.25</b>	<b>\$ 1,831.50</b>	<b>\$ 2,136.75</b>	<b>\$ 2,442.00</b>
FTC Robot (Rev Robotics) Materials	\$ 926.00	\$ 926.00	\$ 926.00	\$ 926.00	\$ 926.00	\$ 926.00	\$ 926.00	\$ 926.00
Robot Sales Tax Max (11%) (waived if tax exempt)	\$ 101.86	\$ 101.86	\$ 101.86	\$ 101.86	\$ 101.86	\$ 101.86	\$ 101.86	\$ 101.86
Robot Shipping	\$ 36.00	\$ 36.00	\$ 36.00	\$ 36.00	\$ 36.00	\$ 36.00	\$ 36.00	\$ 36.00
Shipping Sales Tax Max (11%)	\$ 3.96	\$ 3.96	\$ 3.96	\$ 3.96	\$ 3.96	\$ 3.96	\$ 3.96	\$ 3.96
Total Rev Robots Investment	\$ 1,067.82	\$ 1,067.82	\$ 1,067.82	\$ 1,067.82	\$ 1,067.82	\$ 1,067.82	\$ 1,067.82	\$ 1,067.82
Number of Robots	1	2	3	4	5	6	7	8
FTC Competition Field Kits	1	2	3	4	5	6	7	8
Field Kit (\$945 + \$160 Shipping)	\$1,105	\$1,105	\$1,105	\$1,105	\$1,105	\$1,105	\$1,105	\$1,105
Total Field Kits	\$1,105	\$2,210	\$3,315	\$4,420	\$5,525	\$6,630	\$7,735	\$8,840
<b>Total FTC Materials Rookie Teams</b>	<b>\$ 2,172.82</b>	<b>\$ 4,345.64</b>	<b>\$ 6,518.46</b>	<b>\$ 8,691.28</b>	<b>\$ 10,864.10</b>	<b>\$ 13,036.92</b>	<b>\$ 15,209.74</b>	<b>\$ 17,382.56</b>
FTC Professional Development Training	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500
# Training Seats	1	2	3	4	5	6	7	8
Total Training Investment	\$500.00	\$1,000.00	\$1,500.00	\$2,000.00	\$2,500.00	\$3,000.00	\$3,500.00	\$4,000.00
<b>Total Investment Rookie Team</b>	<b>\$ 2,978.07</b>	<b>\$ 5,956.14</b>	<b>\$ 8,934.21</b>	<b>\$ 11,912.28</b>	<b>\$ 14,890.35</b>	<b>\$ 17,868.42</b>	<b>\$ 20,846.49</b>	<b>\$ 23,824.56</b>

\$'s to be Sent to OUSD								
Contract Pay Per Educators	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
# Educators	1	2	3	4	5	6	7	8
Total Contract Pay	\$4,000	\$8,000	\$12,000	\$16,000	\$20,000	\$24,000	\$28,000	\$32,000
Travel	\$ 500	\$ 1,000	\$ 1,500	\$ 2,000	\$ 2,500	\$ 3,000	\$ 3,500	\$ 4,000
Shirts and snacks	\$ 150	\$ 300	\$ 450	\$ 600	\$ 750	\$ 900	\$ 1,050	\$ 1,200
Spare Parts	\$ 150	\$ 300	\$ 450	\$ 600	\$ 750	\$ 900	\$ 1,050	\$ 1,200
Tools	\$ 175	\$ 350	\$ 525	\$ 700	\$ 875	\$ 1,050	\$ 1,225	\$ 1,400
FIRST Event Fees	\$ 200	\$ 400	\$ 600	\$ 800	\$ 1,000	\$ 1,200	\$ 1,400	\$ 1,600
<b>Total \$'s to Send to OUSD</b>	<b>\$4,975</b>	<b>\$9,950</b>	<b>\$14,925</b>	<b>\$19,900</b>	<b>\$24,875</b>	<b>\$29,850</b>	<b>\$34,825</b>	<b>\$39,800</b>
Number of FTC Teams	1	2	3	4	5	6	7	8
Estimated Number of Students Engaged	10	20	30	40	50	60	70	80
Total Investment In FTC Teams	\$ 7,953	\$ 15,906	\$ 23,859	\$ 31,812	\$ 39,765	\$ 47,718	\$ 55,671	\$ 63,625
FIRST Admin and Local PDO Engagement Support	\$ 954	\$ 1,909	\$ 2,863	\$ 3,817	\$ 4,772	\$ 5,726	\$ 6,681	\$ 7,635
<b>Total Investment Rookie Teams</b>	<b>\$ 8,907</b>	<b>\$ 17,815</b>	<b>\$ 26,722</b>	<b>\$ 35,630</b>	<b>\$ 44,537</b>	<b>\$ 53,445</b>	<b>\$ 62,352</b>	<b>\$ 71,260</b>
Total Investment Vetran Teams	\$ 5,780	\$ 11,561	\$ 17,341	\$ 23,121	\$ 28,901	\$ 34,682	\$ 40,462	\$ 46,242

<u>Assumptions</u>	
Students Per FTC teams	10
Shirt and Snacks Cost Per Student	\$15
Spare Robot Parts Per Team	\$150
Tools Per Team	\$175
Travel Per Team	\$ 500
FIRST Event Fee Per Team	\$200
FIRST Admin and PDO Engagement Support	12%
<b>Laptops and Technology</b>	<b>\$0</b>
<b>Custodial fees?</b>	<b>\$ -</b>

Need to Validate with OUSD  
Need to Validate w/FIRST In CA

Need to confirm with School District  
Need to confirm with School District

Year		Investment Low	Investment High	Notes
<b>2021-2022</b>	<b>Pilot Year (Year 0)</b>	<b>\$ 17,815</b>	<b>\$ 35,630</b>	<b>2-4 Teams</b>
<b>2022-2023</b>	<b>Year 1</b>	<b>\$ 47,190</b>		<b>2 Vetrans + 4 Rookies</b>
<b>2022-2023</b>	<b>Year 1</b>		<b>\$ 94,381</b>	<b>4 Vetrans + 8 Rookies</b>
	<b>Total</b>	<b>\$ 65,005</b>	<b>\$ 130,010</b>	