

Return of Organization Exempt From Income Tax

OMB No 1545-0047

2018

Open to Public Inspection

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

▶ Do not enter social security numbers on this form as it may be made public.
▶ Go to www.irs.gov/Form990 for instructions and the latest information.

A For the 2018 calendar year, or tax year beginning **2018**, and ending **2018**, and ending **2018**

B Check if applicable:
 Address change
 Name change
 Initial return
 Final return/terminated
 Amended return
 Application pending

C Name of organization **Math Science Nucleus**
 Doing business as _____
 Number and street (or P O box if mail is not delivered to street address) Room/suite
4074 Eggers Drive
 City or town, state or province, country, and ZIP or foreign postal code
Fremont, CA 94536

D Employer identification number
942862140

E Telephone number
510 790-6284

G Gross receipts \$ **376 810.00**

F Name and address of principal officer
Joyce Blueford

H(a) Is this a group return for subordinates? Yes No
H(b) Are all subordinates included? Yes No
 If "No," attach a list (see instructions)

I Tax-exempt status 501(c)(3) 501(c) () (insert no) 4947(a)(1) or 527 **03**

J Website: ▶ **http://msnucleus.org**

K Form of organization Corporation Trust Association Other ▶ _____

L Year of formation **1982** **M** State of legal domicile **CA**

Part I Summary

1 Briefly describe the organization's mission or most significant activities **maintain Integrating Science Math and Technology Reference curriculum online, provide classes and service opportunities for K-12 students in SF Bay area, curate Children's Natural History Museum, Fremont Earthquake Exhibit, Tule Ponds at Tyson Lagoon and California Nursery Historical Park**

2 Check this box if the organization discontinued its operations or disposed of more than 25% of its net assets.

3 Number of voting members of the governing body (Part VI, line 1a)	3	6
4 Number of independent voting members of the governing body (Part VI, line 1b)	4	6
5 Total number of individuals employed in calendar year 2018 (Part V, line 2a)	5	4
6 Total number of volunteers (estimate if necessary)	6	1500
7a Total unrelated business revenue from Part VIII, column (C), line 12	7a	6682.00
b Net unrelated business taxable income from Form 990-T, line 38	7b	

		Prior Year	Current Year
8 Contributions and grants (Part VIII, line 1h)		57500.00	139500.00
9 Program service revenue (Part VIII, line 2g)		266,363.00	230628.00
10 Investment income (Part VIII, column (A), lines 3, 4, and 7d)		4775.00	6682.00
11 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)		22476.00	
12 Total revenue—add lines 8 through 11 (must equal Part VIII, column (A), line 12)		351,114.00	376810.00
13 Grants and similar amounts paid (Part IX, column (A), lines 1–3)			5000.00
14 Benefits paid to or for members (Part IX, column (A), line 4)			
15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5–10)		134441.00	149157.00
16a Professional fundraising fees (Part IX, column (A), line 11e)			
b Total fundraising expenses (Part IX, column (D), line 25) ▶			
17 Other expenses (Part IX, column (A), lines 11a–11d, 11f–24e)		164372.00	144366.00
18 Total expenses. Add lines 13–17 (must equal Part IX, column (A), line 25)		298813.00	293523.00
19 Revenue less expenses. Subtract line 18 from line 12		52301.00	83287.00
20 Total assets (Part X, line 16)		Beginning of Current Year	End of Year
21 Total liabilities (Part X, line 26)		640,000.00	723,287.00
22 Net assets or fund balances. Subtract line 21 from line 20		0	
		640,000.00	723,287.00

Part II Signature Block

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge

Sign Here Signature of officer: *Joyce Blueford* Date: **March 10, 2019**
 Type or print name and title: **J Blueford**

Paid Preparer Use Only

Print/Type preparer's name: _____ Preparer's signature: _____ Date: _____ Check if self-employed PTIN: _____

Firm's name: _____ Firm's EIN: _____
 Firm's address: _____ Phone no: _____

May the IRS discuss this return with the preparer shown above? (see instructions) Yes No

SCANNED APR 25 2019

gas B

Part III Statement of Program Service Accomplishments

Check if Schedule O contains a response or note to any line in this Part III

- 1 Briefly describe the organization's mission:
Math Science Nucleus provides science and math curriculum to help educators provide high quality materials, free online. Our mission is to increase science and math especially in elementary grades and public. We also maintain an environmental center that provides free fields trips throughout Alameda County and we manage Children's Natural History Museum, Fremont Earthquake Exhibit and working with the City of Fremont to restore California Nursery Historical Park
- 2 Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? Yes No
If "Yes," describe these new services on Schedule O.
- 3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? Yes No
If "Yes," describe these changes on Schedule O.
- 4 Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported.

4a (Code: 61160) (Expenses \$ 95,000.00 including grants of \$ 80,000.00) (Revenue \$ 122568.00)
 Environmental Efforts working with Alameda County to do programming at Tule Ponds at Tyson Lagoon includes 110 free field trips projects with Irvington HS in their environmental change program (last 15 years) conduct free monthly lectures, special tours, and teacher inservices. Also 2 main events during the year, we also assist the City of Fremont on projects like Stivers Lagoon Sabercat Creek, Duck Isl, and Mission Creek with city of Fremont on California Nursery Historical Park; with TriCed and Masonic Homes (both non profits) on reforstation of 200 acres. About 10,000 hours of volunteers with 2 staff member

4b (Code: 61160) (Expenses \$ 105,000.00 including grants of \$ 50,000.00) (Revenue \$ 73060.00)
 Developing science and math curriculum using classes and field trips as ways to develop new materials, materials are available online including tree storybooks and slideshows, Helping Hands Science in schools; started an internet cafe to provide accss to the poor in Eritrea, West Africa, continued Dana Raimondi Math Program; over 7000 users curriculum (free online); students in Fremont Unified 7000 volunteer hours 3 staff members
 Fremont Earthquake Exhibit, completed installation and programs

4c (Code: 61160) (Expenses \$ 20,000.00 including grants of \$ 25,000.00) (Revenue \$ 30,000.00)
 The Children's Natural History Museum continues to develop exhibits and lecture series that highlights the Ice Age Fossils of the area. We do about 125 field trips. We provided traveling exhibits to Gem and Mineral Shows and Alameda County Fair. Total people impacted 8000 children and parents, Sat Science at the Museum. Developed an outdoor exhibit for children visiting the area. Community Service for high school students totally approximately 5000 hours. The museum has expanded to the California Nursery Historical Park and is looking into the possibilities of developing an agricultural nursery museum in Niles, Fremont. Presently just archiving.

4d Other program services (Describe in Schedule O.)
 (Expenses \$ 9228.00 including grants of \$ 0) (Revenue \$ 0)

4e Total program service expenses ▶ 229228.00

Part IV Checklist of Required Schedules

	Yes	No	
1 Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? If "Yes," complete Schedule A	1	✓	
2 Is the organization required to complete Schedule B, Schedule of Contributors (see instructions)?	2	✓	
3 Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? If "Yes," complete Schedule C, Part I	3		✓
4 Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? If "Yes," complete Schedule C, Part II	4		✓
5 Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or similar amounts as defined in Revenue Procedure 98-19? If "Yes," complete Schedule C, Part III	5		✓
6 Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? If "Yes," complete Schedule D, Part I	6		✓
7 Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas, or historic structures? If "Yes," complete Schedule D, Part II	7		✓
8 Did the organization maintain collections of works of art, historical treasures, or other similar assets? If "Yes," complete Schedule D, Part III	8	✓	
9 Did the organization report an amount in Part X, line 21, for escrow or custodial account liability, serve as a custodian for amounts not listed in Part X; or provide credit counseling, debt management, credit repair, or debt negotiation services? If "Yes," complete Schedule D, Part IV	9		✓
10 Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? If "Yes," complete Schedule D, Part V	10		✓
11 If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable.			
a Did the organization report an amount for land, buildings, and equipment in Part X, line 10? If "Yes," complete Schedule D, Part VI	11a		✓
b Did the organization report an amount for investments—other securities in Part X, line 12 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VII	11b		✓
c Did the organization report an amount for investments—program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VIII	11c		✓
d Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part IX	11d	✓	
e Did the organization report an amount for other liabilities in Part X, line 25? If "Yes," complete Schedule D, Part X	11e		✓
f Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? If "Yes," complete Schedule D, Part X	11f		✓
12a Did the organization obtain separate, independent audited financial statements for the tax year? If "Yes," complete Schedule D, Parts XI and XII	12a		✓
b Was the organization included in consolidated, independent audited financial statements for the tax year? If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional	12b		✓
13 Is the organization a school described in section 170(b)(1)(A)(ii)? If "Yes," complete Schedule E	13		✓
14a Did the organization maintain an office, employees, or agents outside of the United States?	14a		✓
b Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000 or more? If "Yes," complete Schedule F, Parts I and IV	14b		✓
15 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or other assistance to or for any foreign organization? If "Yes," complete Schedule F, Parts II and IV	15		✓
16 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to or for foreign individuals? If "Yes," complete Schedule F, Parts III and IV	16		✓
17 Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? If "Yes," complete Schedule G, Part I (see instructions)	17		✓
18 Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? If "Yes," complete Schedule G, Part II	18		✓
19 Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? If "Yes," complete Schedule G, Part III	19		✓
20 a Did the organization operate one or more hospital facilities? If "Yes," complete Schedule H	20a		✓
b If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?	20b		✓
21 Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? If "Yes," complete Schedule I, Parts I and II	21		✓

Part IV Checklist of Required Schedules (continued)

		Yes	No
22	Did the organization report more than \$5,000 of grants or other assistance to or for domestic individuals on Part IX, column (A), line 2? If "Yes," complete Schedule I, Parts I and III		✓
23	Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? If "Yes," complete Schedule J		✓
24a	Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25a		✓
b	Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?		✓
c	Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds?		✓
d	Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?		✓
25a	Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? If "Yes," complete Schedule L, Part I		✓
b	Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? If "Yes," complete Schedule L, Part I		✓
26	Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payables to any current or former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? If "Yes," complete Schedule L, Part II		✓
27	Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity or family member of any of these persons? If "Yes," complete Schedule L, Part III		✓
28	Was the organization a party to a business transaction with one of the following parties (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions).		
a	A current or former officer, director, trustee, or key employee? If "Yes," complete Schedule L, Part IV	✓	
b	A family member of a current or former officer, director, trustee, or key employee? If "Yes," complete Schedule L, Part IV		✓
c	An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? If "Yes," complete Schedule L, Part IV		✓
29	Did the organization receive more than \$25,000 in non-cash contributions? If "Yes," complete Schedule M		✓
30	Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? If "Yes," complete Schedule M		✓
31	Did the organization liquidate, terminate, or dissolve and cease operations? If "Yes," complete Schedule N, Part I		✓
32	Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? If "Yes," complete Schedule N, Part II		✓
33	Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? If "Yes," complete Schedule R, Part I		✓
34	Was the organization related to any tax-exempt or taxable entity? If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1		✓
35a	Did the organization have a controlled entity within the meaning of section 512(b)(13)?		✓
b	If "Yes" to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? If "Yes," complete Schedule R, Part V, line 2		
36	Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? If "Yes," complete Schedule R, Part V, line 2		✓
37	Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? If "Yes," complete Schedule R, Part VI		✓
38	Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? Note. All Form 990 filers are required to complete Schedule O.	✓	

Part V Statements Regarding Other IRS Filings and Tax Compliance

Check if Schedule O contains a response or note to any line in this Part V

		Yes	No
1a	Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable		
b	Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable		
c	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?	✓	

Part V Statements Regarding Other IRS Filings and Tax Compliance (continued)

Table with columns for question number, question text, and Yes/No checkboxes. Includes questions 2a through 16 regarding employee reporting, tax returns, business income, foreign accounts, prohibited transactions, and charitable contributions.

Part VI Governance, Management, and Disclosure For each "Yes" response to lines 2 through 7b below, and for a "No" response to line 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O. See instructions. Check if Schedule O contains a response or note to any line in this Part VI

Section A. Governing Body and Management

		Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain in Schedule O.	<input type="checkbox"/>	<input type="checkbox"/>
1b	Enter the number of voting members included in line 1a, above, who are independent	<input type="checkbox"/>	<input type="checkbox"/>
2	Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors, or trustees, or key employees to a management company or other person?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	Did the organization become aware during the year of a significant diversion of the organization's assets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	Did the organization have members or stockholders?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7a	Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following:	<input type="checkbox"/>	<input type="checkbox"/>
a	The governing body?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b	Each committee with authority to act on behalf of the governing body?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Section B. Policies (This Section B requests information about policies not required by the Internal Revenue Code.)

		Yes	No
10a	Did the organization have local chapters, branches, or affiliates?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b	If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11a	Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	Describe in Schedule O the process, if any, used by the organization to review this Form 990.	<input type="checkbox"/>	<input type="checkbox"/>
12a	Did the organization have a written conflict of interest policy? If "No," go to line 13	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b	Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c	Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13	Did the organization have a written whistleblower policy?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14	Did the organization have a written document retention and destruction policy?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15	Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision?	<input type="checkbox"/>	<input type="checkbox"/>
a	The organization's CEO, Executive Director, or top management official	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	Other officers or key employees of the organization	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions).	<input type="checkbox"/>	<input type="checkbox"/>
16a	Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b	If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements?	<input type="checkbox"/>	<input type="checkbox"/>

Section C. Disclosure

- 17 List the states with which a copy of this Form 990 is required to be filed ► **California**
- 18 Section 6104 requires an organization to make its Forms 1023 (1024 or 1024-A if applicable), 990, and 990-T (Section 501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply.
 Own website Another's website Upon request Other (explain in Schedule O)
- 19 Describe in Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.
- 20 State the name, address, and telephone number of the person who possesses the organization's books and records ►
Joyce R. Blueford, Math Science Nucleus, 4074 Eggers Drive, Fremont, CA 94536 (510)790-6284

Part VII Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors

Check if Schedule O contains a response or note to any line in this Part VII

Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

1a Complete this table for all persons required to be listed. Report compensation for the calendar year ending with or within the organization's tax year.

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.
 - List all of the organization's **current** key employees, if any. See instructions for definition of "key employee."
 - List the organization's five **current** highest compensated employees (other than an officer, director, trustee, or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations.
 - List all of the organization's **former** officers, key employees, and highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.
 - List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations.
- List persons in the following order: individual trustees or directors; institutional trustees; officers; key employees; highest compensated employees; and former such persons.

Check this box if neither the organization nor any related organization compensated any current officer, director, or trustee.

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(1) Joyce Blueford Board President	60	✓								
(2) Debbie Davidson Vice President	20	✓								
(3) David Stronck Member	5	✓								
(4) Bruce Roeding Member	5	✓								
(5) Karen Anderson Member	30	✓					36700.00			
(6) Ken Miller Member	20	✓								
(7) Art Williams employee	40	✓					40960.00			
(8) Hagos Negusse employee	40	✓					31200.00			
(9)										
(10)										
(11)										
(12)										
(13)										
(14)										

Part VII Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees (continued)

(A) Name and title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(15)										
(16)										
(17)										
(18)										
(19)										
(20)										
(21)										
(22)										
(23)										
(24)										
(25)										
1b Sub-total										
c Total from continuation sheets to Part VII, Section A										
d Total (add lines 1b and 1c)							108860			

2 Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization ▶

- 3** Did the organization list any **former** officer, director, or trustee, key employee, or highest compensated employee on line 1a? *If "Yes," complete Schedule J for such individual*
- 4** For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? *If "Yes," complete Schedule J for such individual*
- 5** Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? *If "Yes," complete Schedule J for such person*

	Yes	No
3		✓
4		✓
5		✓

Section B. Independent Contractors

1 Complete this table for your five highest compensated independent contractors that received more than \$100,000 of compensation from the organization. Report compensation for the calendar year ending with or within the organization's tax year.

(A) Name and business address	(B) Description of services	(C) Compensation

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization ▶

Part VIII Statement of Revenue

Check if Schedule O contains a response or note to any line in this Part VIII

			(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512-514	
Contributions, Gifts, Grants and Other Similar Amounts	1a Federated campaigns	1a					
	b Membership dues	1b 3500.00					
	c Fundraising events	1c					
	d Related organizations	1d					
	e Government grants (contributions)	1e 87500.00					
	f All other contributions, gifts, grants, and similar amounts not included above	1f 48500.00					
	g Noncash contributions included in lines 1a-1f \$						
	h Total. Add lines 1a-1f ▶		139500.00				
Program Service Revenue		Business Code					
	2a environmental	61160	122568.00	122568.00			
	b classes	61160	75040.00	75040.00			
	c museum	61160	33020.00	33020.00			
	d						
	e						
	f All other program service revenue						
g Total. Add lines 2a-2f ▶		230628.00					
Other Revenue	3 Investment income (including dividends, interest, and other similar amounts) ▶		6682.0		6682.00		
	4 Income from investment of tax-exempt bond proceeds ▶						
	5 Royalties ▶						
	6a Gross rents	(i) Real					
		(ii) Personal					
	b Less rental expenses						
	c Rental income or (loss)						
	d Net rental income or (loss) ▶						
	7a Gross amount from sales of assets other than inventory	(i) Securities					
		(ii) Other					
	b Less cost or other basis and sales expenses						
	c Gain or (loss)						
	d Net gain or (loss) ▶						
	8a Gross income from fundraising events (not including \$ of contributions reported on line 1c). See Part IV, line 18	a					
	b Less: direct expenses	b					
c Net income or (loss) from fundraising events ▶							
9a Gross income from gaming activities. See Part IV, line 19	a						
	b Less: direct expenses	b					
c Net income or (loss) from gaming activities ▶							
10a Gross sales of inventory, less returns and allowances	a						
	b Less: cost of goods sold	b					
c Net income or (loss) from sales of inventory ▶							
Miscellaneous Revenue		Business Code					
11a							
b							
c							
d All other revenue							
e Total. Add lines 11a-11d ▶							
12 Total revenue. See instructions ▶			376810.00	370128.00	6682.00		

Part IX Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns. All other organizations must complete column (A).

Check if Schedule O contains a response or note to any line in this Part IX

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.

	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21				
2 Grants and other assistance to domestic individuals. See Part IV, line 22				
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16	5000.00	5000.00		
4 Benefits paid to or for members				
5 Compensation of current officers, directors, trustees, and key employees	127300.00	117300.00	10,000.00	
6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)				
7 Other salaries and wages	8300.00		8300.00	
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)				
9 Other employee benefits	8693.00		8693.00	
10 Payroll taxes	4864.00		4864.00	
11 Fees for services (non-employees).				
a Management	12816.00	7816.00	5000.00	
b Legal				
c Accounting				
d Lobbying				
e Professional fundraising services. See Part IV, line 17				
f Investment management fees				
g Other. (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O.)				
12 Advertising and promotion				
13 Office expenses	14389.00	10389.00	4000.00	
14 Information technology	7007.00	5000.00	2007.00	
15 Royalties				
16 Occupancy	36,000.00	25,000.00	11,000.00	
17 Travel	2661.00	2661.00		
18 Payments of travel or entertainment expenses for any federal, state, or local public officials				
19 Conferences, conventions, and meetings				
20 Interest				
21 Payments to affiliates				
22 Depreciation, depletion, and amortization				
23 Insurance	10431.00		10,431.00	
24 Other expenses. Itemize expenses not covered above (List miscellaneous expenses in line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O.)				
a North Carolina Program	7500.00	7500.00		
b Environmental	42892.00	42892.00		
c Museum	5670.00	5670.00		
d				
e All other expenses				
25 Total functional expenses. Add lines 1 through 24e	293523.00	229228.00	64295.00	
26 Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720)				

Part X Balance Sheet

Check if Schedule O contains a response or note to any line in this Part X

		(A) Beginning of year		(B) End of year
Assets	1		1	
	2	150,000.00	2	223,287.00
	3		3	
	4	10,000.00	4	20,000.00
	5		5	
	6		6	
	7	200,000.00	7	200,000.00
	8	30,000.00	8	30,000.00
	9		9	
	10a			
	b		10c	
	11		11	
	12		12	
	13		13	
	14		14	
	15	250,000.00	15	250,000.00
16	640,000.00	16	723,287.00	
Liabilities	17		17	
	18		18	
	19		19	
	20		20	
	21		21	
	22		22	
	23		23	
	24		24	
	25		25	
	26		26	
Net Assets or Fund Balances	Organizations that follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.			
	27		27	
	28		28	
	29	0	29	0
	Organizations that do not follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 30 through 34.			
	30		30	
	31		31	
	32		32	
33	640,000.00	33	723,287.00	
34	0	34	723,287	

Part XI Reconciliation of Net Assets

Check if Schedule O contains a response or note to any line in this Part XI

1	Total revenue (must equal Part VIII, column (A), line 12)	1	376810.00
2	Total expenses (must equal Part IX, column (A), line 25)	2	293523.00
3	Revenue less expenses. Subtract line 2 from line 1	3	83287.00
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	640,000.00
5	Net unrealized gains (losses) on investments	5	
6	Donated services and use of facilities	6	
7	Investment expenses	7	
8	Prior period adjustments	8	
9	Other changes in net assets or fund balances (explain in Schedule O)	9	
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	723,287.00

Part XII Financial Statements and Reporting

Check if Schedule O contains a response or note to any line in this Part XII

	Yes	No
1 Accounting method used to prepare the Form 990. <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual <input type="checkbox"/> Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O.		
2a Were the organization's financial statements compiled or reviewed by an independent accountant? If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both: <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis		✓
b Were the organization's financial statements audited by an independent accountant? If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both: <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis		✓
c If "Yes" to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O.		
3a As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?		✓
b If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits.		

SCHEDULE A
(Form 990 or 990-EZ)

Public Charity Status and Public Support

OMB No 1545-0047

2018

Open to Public Inspection

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.
▶ Attach to Form 990 or Form 990-EZ.

Department of the Treasury
Internal Revenue Service

▶ Go to www.irs.gov/Form990 for instructions and the latest information.

Name of the organization Math Science Nucleus	Employer identification number 94-2862140
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Part I Reason for Public Charity Status (All organizations must complete this part.) See instructions.

The organization is not a private foundation because it is: (For lines 1 through 12, check only one box.)

- 1 A church, convention of churches, or association of churches described in **section 170(b)(1)(A)(i)**.
- 2 A school described in **section 170(b)(1)(A)(ii)**. (Attach Schedule E (Form 990 or 990-EZ).)
- 3 A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii)**.
- 4 A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii)**. Enter the hospital's name, city, and state: _____
- 5 An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv)**. (Complete Part II.)
- 6 A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v)**.
- 7 An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi)**. (Complete Part II.)
- 8 A community trust described in **section 170(b)(1)(A)(vi)**. (Complete Part II.)
- 9 An agricultural research organization described in **section 170(b)(1)(A)(ix)** operated in conjunction with a land-grant college or university or a non-land-grant college of agriculture (see instructions) Enter the name, city, and state of the college or university: _____
- 10 An organization that normally receives: (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions—subject to certain exceptions, and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975. See **section 509(a)(2)**. (Complete Part III.)
- 11 An organization organized and operated exclusively to test for public safety. See **section 509(a)(4)**.
- 12 An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in **section 509(a)(1)** or **section 509(a)(2)**. See **section 509(a)(3)**. Check the box in lines 12a through 12d that describes the type of supporting organization and complete lines 12e, 12f, and 12g.
 - a **Type I.** A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization. **You must complete Part IV, Sections A and B.**
 - b **Type II.** A supporting organization supervised or controlled in connection with its supported organization(s), by having control or management of the supporting organization vested in the same persons that control or manage the supported organization(s). **You must complete Part IV, Sections A and C.**
 - c **Type III functionally integrated.** A supporting organization operated in connection with, and functionally integrated with, its supported organization(s) (see instructions). **You must complete Part IV, Sections A, D, and E.**
 - d **Type III non-functionally integrated.** A supporting organization operated in connection with its supported organization(s) that is not functionally integrated. The organization generally must satisfy a distribution requirement and an attentiveness requirement (see instructions). **You must complete Part IV, Sections A and D, and Part V.**
 - e Check this box if the organization received a written determination from the IRS that it is a Type I, Type II, Type III functionally integrated, or Type III non-functionally integrated supporting organization.
 - f Enter the number of supported organizations
 - g Provide the following information about the supported organization(s).

(i) Name of supported organization	(ii) EIN	(iii) Type of organization (described on lines 1-10 above (see instructions))	(iv) Is the organization listed in your governing document?		(v) Amount of monetary support (see instructions)	(vi) Amount of other support (see instructions)
			Yes	No		
(A)						
(B)						
(C)						
(D)						
(E)						
Total						

Part II Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)

(Complete only if you checked the box on line 5, 7, or 8 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶	(a) 2014	(b) 2015	(c) 2016	(d) 2017	(e) 2018	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")						
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge						
4 Total. Add lines 1 through 3						
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f)						
6 Public support. Subtract line 5 from line 4						

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2014	(b) 2015	(c) 2016	(d) 2017	(e) 2018	(f) Total
7 Amounts from line 4						
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources						
9 Net income from unrelated business activities, whether or not the business is regularly carried on						
10 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
11 Total support. Add lines 7 through 10						
12 Gross receipts from related activities, etc. (see instructions)					12	
13 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here ▶ <input type="checkbox"/>						

Section C. Computation of Public Support Percentage

14 Public support percentage for 2018 (line 6, column (f) divided by line 11, column (f))	14	%
15 Public support percentage from 2017 Schedule A, Part II, line 14	15	%
16a 33 1/3% support test—2018. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
b 33 1/3% support test—2017. If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
17a 10%-facts-and-circumstances test—2018. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
b 10%-facts-and-circumstances test—2017. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization ▶ <input type="checkbox"/>		
18 Private foundation. If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions ▶ <input type="checkbox"/>		

Part III Support Schedule for Organizations Described in Section 509(a)(2)

(Complete only if you checked the box on line 10 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶	(a) 2014	(b) 2015	(c) 2016	(d) 2017	(e) 2018	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")	71700.00	69866.00	103000	57500.00	77000.00	379,066.00
2 Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose	246668.00	290098.00	250787.00	288869.00	293128.00	1,369,550.00
3 Gross receipts from activities that are not an unrelated trade or business under section 513						
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
5 The value of services or facilities furnished by a governmental unit to the organization without charge						
6 Total. Add lines 1 through 5	318368.00	359964.00	353787.00	346369.00	370128.00	1407456.00
7a Amounts included on lines 1, 2, and 3 received from disqualified persons	0	0	0	0	0	
b Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year	0	0	0	0	0	
c Add lines 7a and 7b						
8 Public support. (Subtract line 7c from line 6.)						1407456.00

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2014	(b) 2015	(c) 2016	(d) 2017	(e) 2018	(f) Total
9 Amounts from line 6	318368.00	359964.00	353787.00	346369.00	370128.00	1407456.00
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources	6530.00	9285.00	5487.00	4745.00	6682.00	32729.00
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						
c Add lines 10a and 10b	6530.00	9285.00	5487.00	4745.00	6682.00	32729.00
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on	0	0	0	0		
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)	0	0	0	0		
13 Total support. (Add lines 9, 10c, 11, and 12.)	324898.48	369249.65	359274.00	351114.00	376810.00	1440185.00
14 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here ▶ <input type="checkbox"/>						

Section C. Computation of Public Support Percentage

15 Public support percentage for 2018 (line 8, column (f), divided by line 13, column (f))	15	97.7 %
16 Public support percentage from 2017 Schedule A, Part III, line 15	16	97 %

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2018 (line 10c, column (f), divided by line 13, column (f))	17	0 %
18 Investment income percentage from 2017 Schedule A, Part III, line 17	18	0 %

- 19a 33 1/3% support tests—2018.** If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and stop here. The organization qualifies as a publicly supported organization . ▶
- b 33 1/3% support tests—2017.** If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3%, and line 18 is not more than 33 1/3%, check this box and stop here. The organization qualifies as a publicly supported organization ▶
- 20 Private foundation.** If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions ▶

SCHEDULE D (Form 990)

Supplemental Financial Statements

OMB No 1545-0047

2018

Open to Public Inspection

Department of the Treasury Internal Revenue Service

Complete if the organization answered "Yes" on Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b. Attach to Form 990.

Go to www.irs.gov/Form990 for instructions and the latest information.

Name of the organization: Math Science Nucleus; Employer identification number: 94-2862140

Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts.

Complete if the organization answered "Yes" on Form 990, Part IV, line 6.

Table with 2 columns: (a) Donor advised funds, (b) Funds and other accounts. Rows include total number at end of year, aggregate value of contributions, grants, and end of year, and two questions about donor advisement.

Part II Conservation Easements.

Complete if the organization answered "Yes" on Form 990, Part IV, line 7.

Form for Part II with multiple questions (1-9) regarding conservation easements, including a table for 'Held at the End of the Tax Year' with rows 2a, 2b, 2c, and 2d.

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets.

Complete if the organization answered "Yes" on Form 990, Part IV, line 8.

Form for Part III with questions 1a, 1b, and 2 regarding collections of art and historical treasures, including monetary values.

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets (continued)

- 3 Using the organization's acquisition, accession, and other records, check any of the following that are a significant use of its collection items (check all that apply):
- a Public exhibition
 - b Scholarly research
 - c Preservation for future generations
 - d Loan or exchange programs
 - e Other
- 4 Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIII.
- 5 During the year, did the organization solicit or receive donations of art, historical treasures, or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection? Yes No

Part IV Escrow and Custodial Arrangements.

Complete if the organization answered "Yes" on Form 990, Part IV, line 9, or reported an amount on Form 990, Part X, line 21.

- 1a Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X? Yes No
- b If "Yes," explain the arrangement in Part XIII and complete the following table.
- | | Amount |
|---------------------------------|--------|
| c Beginning balance | 1c |
| d Additions during the year | 1d |
| e Distributions during the year | 1e |
| f Ending balance | 1f |
- 2a Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability? Yes No
- b If "Yes," explain the arrangement in Part XIII. Check here if the explanation has been provided on Part XIII

Part V Endowment Funds.

Complete if the organization answered "Yes" on Form 990, Part IV, line 10.

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
1a Beginning of year balance					
b Contributions					
c Net investment earnings, gains, and losses					
d Grants or scholarships					
e Other expenditures for facilities and programs					
f Administrative expenses					
g End of year balance					

- 2 Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as:
- a Board designated or quasi-endowment %
 - b Permanent endowment %
 - c Temporarily restricted endowment %
- The percentages on lines 2a, 2b, and 2c should equal 100%.
- 3a Are there endowment funds not in the possession of the organization that are held and administered for the organization by:
- | | Yes | No |
|--|--------|----|
| (i) unrelated organizations | 3a(i) | |
| (ii) related organizations | 3a(ii) | |
| b If "Yes" on line 3a(ii), are the related organizations listed as required on Schedule R? | 3b | |
- 4 Describe in Part XIII the intended uses of the organization's endowment funds.

Part VI Land, Buildings, and Equipment.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11a. See Form 990, Part X, line 10.

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land				
b Buildings				
c Leasehold improvements				
d Equipment				
e Other				
Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10c.) <input type="text"/>				

Part VII Investments—Other Securities.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11b. See Form 990, Part X, line 12.

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely-held equity interests		
(3) Other		
(A)		
(B)		
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Column (b) must equal Form 990, Part X, col (B) line 12.) ▶		

Part VIII Investments—Program Related.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11c. See Form 990, Part X, line 13.

(a) Description of investment	(b) Book value	(c) Method of valuation Cost or end-of-year market value
(1)		
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
Total. (Column (b) must equal Form 990, Part X, col (B) line 13.) ▶		

Part IX Other Assets.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11d. See Form 990, Part X, line 15.

(a) Description	(b) Book value
(1) fossils, artifacts donated to museum	250,000.00r
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col (B) line 15.) ▶	

Part X Other Liabilities.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11e or 11f. See Form 990, Part X, line 25.

1. (a) Description of liability	(b) Book value
(1) Federal income taxes	
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col (B) line 25.) ▶	

2. Liability for uncertain tax positions. In Part XIII, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FIN 48 (ASC 740). Check here if the text of the footnote has been provided in Part XIII

SCHEDULE L
(Form 990 or 990-EZ)

Transactions With Interested Persons

OMB No 1545-0047

2018

Open To Public Inspection

Department of the Treasury
Internal Revenue Service

▶ **Complete if the organization answered "Yes" on Form 990, Part IV, line 25a, 25b, 26, 27, 28a, 28b, or 28c, or Form 990-EZ, Part V, line 38a or 40b.**

▶ **Attach to Form 990 or Form 990-EZ.**

▶ **Go to www.irs.gov/Form990 for instructions and the latest information.**

Name of the organization

Employer identification number

Math Science Nucleus

94-2862140

Part I Excess Benefit Transactions (section 501(c)(3), section 501(c)(4), and 501(c)(29) organizations only).
Complete if the organization answered "Yes" on Form 990, Part IV, line 25a or 25b, or Form 990-EZ, Part V, line 40b.

1	(a) Name of disqualified person	(b) Relationship between disqualified person and organization	(c) Description of transaction	(d) Corrected?	
				Yes	No
(1)					
(2)					
(3)					
(4)					
(5)					
(6)					

2 Enter the amount of tax incurred by the organization managers or disqualified persons during the year under section 4958 ▶ \$ _____

3 Enter the amount of tax, if any, on line 2, above, reimbursed by the organization ▶ \$ _____

Part II Loans to and/or From Interested Persons.
Complete if the organization answered "Yes" on Form 990-EZ, Part V, line 38a or Form 990, Part IV, line 26; or if the organization reported an amount on Form 990, Part X, line 5, 6, or 22.

(a) Name of interested person	(b) Relationship with organization	(c) Purpose of loan	(d) Loan to or from the organization?		(e) Original principal amount	(f) Balance due	(g) In default?		(h) Approved by board or committee?		(i) Written agreement?	
			To	From			Yes	No	Yes	No	Yes	No
			(1)									
(2)												
(3)												
(4)												
(5)												
(6)												
(7)												
(8)												
(9)												
(10)												
Total						\$						

Part III Grants or Assistance Benefiting Interested Persons.
Complete if the organization answered "Yes" on Form 990, Part IV, line 27.

(a) Name of interested person	(b) Relationship between interested person and the organization	(c) Amount of assistance	(d) Type of assistance	(e) Purpose of assistance
(1)				
(2)				
(3)				
(4)				
(5)				
(6)				
(7)				
(8)				
(9)				
(10)				

SCHEDULE O
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

Complete to provide information for responses to specific questions on
Form 990 or 990-EZ or to provide any additional information.

▶ Attach to Form 990 or 990-EZ.
▶ Go to www.irs.gov/Form990 for the latest information.

OMB No 1545-0047

2018

**Open to Public
Inspection**

Name of the organization
Math Science Nucleus

Employer identification number
942862140

990 Part VI. Section B

15a. Joyce Blueford, Board President reviews and is available to employees and directors for review

990 Part VII Section A. Officers, etc

Joyce Bueford oversees operations and included duties of a typical Eecutive Director. She also teaches and coordinates plans with paid employees

Debbie Davision works in North Carolina and voluntees in the school

Karen Anderson works on math program, scouts and Mattos Science Magnet

David Stronck helps in writing grants

Ken Miller - opens museum, conducts presentatins

990 VI. Sec C 11B. Organization to review this Form 990 (staff and any board member can view materials as hard copy or electronically) not mandatory that everyone reviews documents

990 Section C VI. 19. All of our documents are available via electronic request or view at our facility at 4074 Eggers Drive, Fremont

990 Part III Statement of Program Services - Other programs 4D

mainly curriculum development, talks to Rotary Clubs, working with City of Fremont Total of 9228.00

Name of the organization

Math Science Nucleus

Employer identification number

94-2862140

990 VIII Statement of Revenue

specific revenue found on attached sheet

Schedule D. Part III

4. Fossil collection from the Ice Age of Fremont, shells, stuffed animals, bones, as part of the Children's Natural History

Museum in Fremont (more can be found on our website <http://msnucleus.org>)

We also accept donations of bones, fossils, artifacts and minerals.