

Form **990-PF**  
 Department of the Treasury  
 Internal Revenue Service

**Return of Private Foundation**  
**or Section 4947(a)(1) Trust Treated as Private Foundation**  
 ▶ Do not enter social security numbers on this form as it may be made public.  
 ▶ Go to [www.irs.gov/Form990PF](http://www.irs.gov/Form990PF) for instructions and the latest information.

OMB No. 1545-0052  
**2020**  
**Open to Public Inspection**

**For calendar year 2020, or tax year beginning 01-01-2020 , and ending 12-31-2020**

Name of foundation MATHWORKS FOUNDATION INC		<b>A Employer identification number</b> 83-1665375	
Number and street (or P.O. box number if mail is not delivered to street address) 1 APPLE HILL DRIVE	Room/suite	<b>B Telephone number</b> (see instructions) (508) 647-7000	
City or town, state or province, country, and ZIP or foreign postal code NATICK, MA 01760		<b>C</b> If exemption application is pending, check here <input type="checkbox"/>	
<b>G</b> Check all that apply: <input type="checkbox"/> Initial return <input type="checkbox"/> Initial return of a former public charity <input type="checkbox"/> Final return <input type="checkbox"/> Amended return <input type="checkbox"/> Address change <input type="checkbox"/> Name change		<b>D 1.</b> Foreign organizations, check here..... <input type="checkbox"/> <b>2.</b> Foreign organizations meeting the 85% test, check here and attach computation ... <input type="checkbox"/>	
<b>H</b> Check type of organization: <input checked="" type="checkbox"/> Section 501(c)(3) exempt private foundation <input type="checkbox"/> Section 4947(a)(1) nonexempt charitable trust <input type="checkbox"/> Other taxable private foundation		<b>E</b> If private foundation status was terminated under section 507(b)(1)(A), check here ..... <input type="checkbox"/>	
<b>I</b> Fair market value of all assets at end of year (from Part II, col. (c), line 16) ▶ \$ 180,578,081		<b>F</b> If the foundation is in a 60-month termination under section 507(b)(1)(B), check here ..... <input type="checkbox"/>	
<b>J</b> Accounting method: <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual <input type="checkbox"/> Other (specify) _____ <i>(Part I, column (d) must be on cash basis.)</i>			

<b>Part I Analysis of Revenue and Expenses</b> <i>(The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a) (see instructions).)</i>		(a) Revenue and expenses per books	(b) Net investment income	(c) Adjusted net income	(d) Disbursements for charitable purposes (cash basis only)
<b>1</b>	Contributions, gifts, grants, etc., received (attach schedule)	35,000,000			
<b>2</b>	Check <input type="checkbox"/> if the foundation is <b>not</b> required to attach Sch. B				
<b>3</b>	Interest on savings and temporary cash investments	316	316		
<b>4</b>	Dividends and interest from securities	3,818,829	3,818,829		
<b>5a</b>	Gross rents				
<b>b</b>	Net rental income or (loss)				
<b>6a</b>	Net gain or (loss) from sale of assets not on line 10	1,630,643			
<b>b</b>	Gross sales price for all assets on line 6a	87,269,845			
<b>7</b>	Capital gain net income (from Part IV, line 2)		1,630,643		
<b>8</b>	Net short-term capital gain				
<b>9</b>	Income modifications				
<b>10a</b>	Gross sales less returns and allowances				
<b>b</b>	Less: Cost of goods sold				
<b>c</b>	Gross profit or (loss) (attach schedule)				
<b>11</b>	Other income (attach schedule)				
<b>12</b>	<b>Total.</b> Add lines 1 through 11	40,449,788	5,449,788		
<b>13</b>	Compensation of officers, directors, trustees, etc.	0	0		0
<b>14</b>	Other employee salaries and wages				
<b>15</b>	Pension plans, employee benefits				
<b>16a</b>	Legal fees (attach schedule)	8,329	0		8,329
<b>b</b>	Accounting fees (attach schedule)	3,650	0		3,650
<b>c</b>	Other professional fees (attach schedule)				
<b>17</b>	Interest				
<b>18</b>	Taxes (attach schedule) (see instructions)	50,000	0		0
<b>19</b>	Depreciation (attach schedule) and depletion				
<b>20</b>	Occupancy				
<b>21</b>	Travel, conferences, and meetings				
<b>22</b>	Printing and publications				
<b>23</b>	Other expenses (attach schedule)	1,235	0		1,235
<b>24</b>	<b>Total operating and administrative expenses.</b> Add lines 13 through 23	63,214	0		13,214
<b>25</b>	Contributions, gifts, grants paid	6,667,500			6,667,500
<b>26</b>	<b>Total expenses and disbursements.</b> Add lines 24 and 25	6,730,714	0		6,680,714
<b>27</b>	Subtract line 26 from line 12:				
<b>a</b>	<b>Excess of revenue over expenses and disbursements</b>	33,719,074			
<b>b</b>	<b>Net investment income</b> (if negative, enter -0-)		5,449,788		
<b>c</b>	<b>Adjusted net income</b> (if negative, enter -0-)				

<b>Part II Balance Sheets</b> Attached schedules and amounts in the description column should be for end-of-year amounts only. (See instructions.)		Beginning of year	End of year	
		(a) Book Value	(b) Book Value	(c) Fair Market Value
<b>Assets</b>	<b>1</b> Cash—non-interest-bearing . . . . .	693,563	1,014,191	1,014,191
	<b>2</b> Savings and temporary cash investments . . . . .			
	<b>3</b> Accounts receivable ▶ _____ Less: allowance for doubtful accounts ▶ _____			
	<b>4</b> Pledges receivable ▶ _____ Less: allowance for doubtful accounts ▶ _____			
	<b>5</b> Grants receivable . . . . .			
	<b>6</b> Receivables due from officers, directors, trustees, and other disqualified persons (attach schedule) (see instructions) . . . . .			
	<b>7</b> Other notes and loans receivable (attach schedule) ▶ _____ Less: allowance for doubtful accounts ▶ _____			
	<b>8</b> Inventories for sale or use . . . . .			
	<b>9</b> Prepaid expenses and deferred charges . . . . .			
	<b>10a</b> Investments—U.S. and state government obligations (attach schedule)			
	<b>b</b> Investments—corporate stock (attach schedule) . . . . .			
	<b>c</b> Investments—corporate bonds (attach schedule) . . . . .			
	<b>11</b> Investments—land, buildings, and equipment: basis ▶ _____ Less: accumulated depreciation (attach schedule) ▶ _____			
	<b>12</b> Investments—mortgage loans . . . . .			
	<b>13</b> Investments—other (attach schedule) . . . . .	135,453,350	179,563,890	179,563,890
	<b>14</b> Land, buildings, and equipment: basis ▶ _____ Less: accumulated depreciation (attach schedule) ▶ _____			
<b>15</b> Other assets (describe ▶ _____)				
<b>16 Total assets</b> (to be completed by all filers—see the instructions. Also, see page 1, item I)	136,146,913	180,578,081	180,578,081	
<b>Liabilities</b>	<b>17</b> Accounts payable and accrued expenses . . . . .			
	<b>18</b> Grants payable . . . . .			
	<b>19</b> Deferred revenue . . . . .			
	<b>20</b> Loans from officers, directors, trustees, and other disqualified persons			
	<b>21</b> Mortgages and other notes payable (attach schedule) . . . . .			
	<b>22</b> Other liabilities (describe ▶ _____)			
	<b>23 Total liabilities</b> (add lines 17 through 22) . . . . .	0	0	
<b>Net Assets or Fund Balances</b>	<b>Foundations that follow FASB ASC 958, check here</b> ▶ <input type="checkbox"/> <b>and complete lines 24, 25, 29 and 30.</b>			
	<b>24</b> Net assets without donor restrictions . . . . .			
	<b>25</b> Net assets with donor restrictions . . . . .			
	<b>Foundations that do not follow FASB ASC 958, check here</b> ▶ <input checked="" type="checkbox"/> <b>and complete lines 26 through 30.</b>			
	<b>26</b> Capital stock, trust principal, or current funds . . . . .	0	0	
	<b>27</b> Paid-in or capital surplus, or land, bldg., and equipment fund	0	0	
	<b>28</b> Retained earnings, accumulated income, endowment, or other funds	136,146,913	180,578,081	
<b>29 Total net assets or fund balances</b> (see instructions) . . . . .	136,146,913	180,578,081		
<b>30 Total liabilities and net assets/fund balances</b> (see instructions) .	136,146,913	180,578,081		

**Part III Analysis of Changes in Net Assets or Fund Balances**

<b>1</b> Total net assets or fund balances at beginning of year—Part II, column (a), line 29 (must agree with end-of-year figure reported on prior year's return) . . . . .	<b>1</b>	136,146,913
<b>2</b> Enter amount from Part I, line 27a . . . . .	<b>2</b>	33,719,074
<b>3</b> Other increases not included in line 2 (itemize) ▶ _____	<b>3</b>	10,712,094
<b>4</b> Add lines 1, 2, and 3 . . . . .	<b>4</b>	180,578,081
<b>5</b> Decreases not included in line 2 (itemize) ▶ _____	<b>5</b>	0
<b>6</b> Total net assets or fund balances at end of year (line 4 minus line 5)—Part II, column (b), line 29 .	<b>6</b>	180,578,081

**Part IV Capital Gains and Losses for Tax on Investment Income**

<b>(a)</b> List and describe the kind(s) of property sold (e.g., real estate, 2-story brick warehouse; or common stock, 200 shs. MLC Co.)		<b>(b)</b> How acquired P—Purchase D—Donation	<b>(c)</b> Date acquired (mo., day, yr.)	<b>(d)</b> Date sold (mo., day, yr.)
<b>1a</b> See Additional Data Table				
<b>b</b>				
<b>c</b>				
<b>d</b>				
<b>e</b>				

  

<b>(e)</b> Gross sales price	<b>(f)</b> Depreciation allowed (or allowable)	<b>(g)</b> Cost or other basis plus expense of sale	<b>(h)</b> Gain or (loss) (e) plus (f) minus (g)
<b>a</b> See Additional Data Table			
<b>b</b>			
<b>c</b>			
<b>d</b>			
<b>e</b>			

  

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69			<b>(l)</b> Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col.(h))
<b>(i)</b> F.M.V. as of 12/31/69	<b>(j)</b> Adjusted basis as of 12/31/69	<b>(k)</b> Excess of col. (i) over col. (j), if any	
<b>a</b> See Additional Data Table			
<b>b</b>			
<b>c</b>			
<b>d</b>			
<b>e</b>			

<b>2</b> Capital gain net income or (net capital loss)	{ If gain, also enter in Part I, line 7 If (loss), enter -0- in Part I, line 7 }	<b>2</b>	1,630,643
<b>3</b> Net short-term capital gain or (loss) as defined in sections 1222(5) and (6): If gain, also enter in Part I, line 8, column (c) (see instructions). If (loss), enter -0- in Part I, line 8		<b>3</b>	

**Part V Qualification Under Section 4940(e) for Reduced Tax on Net Investment Income**

**SECTION 4940(e) REPEALED ON DECEMBER 20, 2019 - DO NOT COMPLETE**

<b>1</b> Reserved	<b>(a)</b> Reserved	<b>(b)</b> Reserved	<b>(c)</b> Reserved	<b>(d)</b> Reserved
<b>2</b> Reserved . . . . .				<b>2</b>
<b>3</b> Reserved . . . . .				<b>3</b>
<b>4</b> Reserved . . . . .				<b>4</b>
<b>5</b> Reserved . . . . .				<b>5</b>
<b>6</b> Reserved . . . . .				<b>6</b>
<b>7</b> Reserved . . . . .				<b>7</b>
<b>8</b> Reserved . . . . .				<b>8</b>

Part VI Excise Tax Based on Investment Income (Section 4940(a), 4940(b), 4940(e), or 4948—see instructions)

Table with 11 rows for excise tax calculations. Includes fields for exempt foundations, tax under section 511, tax based on investment income, and credits/payments. Total tax due is 3,188.

Part VII-A Statements Regarding Activities

Table with 10 rows for activity statements. Columns include question number, Yes, and No. Questions cover political activities, tax on political expenditures, and asset requirements.

Part VII-A Statements Regarding Activities (continued)

11 At any time during the year, did the foundation, directly or indirectly, own a controlled entity within the meaning of section 512(b)(13)? If "Yes," attach schedule. See instructions.
12 Did the foundation make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If "Yes," attach statement. See instructions
13 Did the foundation comply with the public inspection requirements for its annual returns and exemption application? Website address N/A
14 The books are in care of STEVEN DOUGLAS BARBO Telephone no. (508) 647-7266
Located at 1 APPLE HILL DRIVE NATICK MA ZIP+4 01760
15 Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of Form 1041 -check here and enter the amount of tax-exempt interest received or accrued during the year. 15
16 At any time during calendar year 2020, did the foundation have an interest in or a signature or other authority over a bank, securities, or other financial account in a foreign country? See the instructions for exceptions and filing requirements for FinCEN Form 114. If "Yes", enter the name of the foreign country

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required

File Form 4720 if any item is checked in the "Yes" column, unless an exception applies.

1a During the year did the foundation (either directly or indirectly):
(1) Engage in the sale or exchange, or leasing of property with a disqualified person?
(2) Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person?
(3) Furnish goods, services, or facilities to (or accept them from) a disqualified person?
(4) Pay compensation to, or pay or reimburse the expenses of, a disqualified person?
(5) Transfer any income or assets to a disqualified person (or make any of either available for the benefit or use of a disqualified person)?
(6) Agree to pay money or property to a government official? (Exception. Check "No" if the foundation agreed to make a grant to or to employ the official for a period after termination of government service, if terminating within 90 days.)
b If any answer is "Yes" to 1a(1)-(6), did any of the acts fail to qualify under the exceptions described in Regulations section 53.4941(d)-3 or in a current notice regarding disaster assistance? See instructions. Organizations relying on a current notice regarding disaster assistance check here.
c Did the foundation engage in a prior year in any of the acts described in 1a, other than excepted acts, that were not corrected before the first day of the tax year beginning in 2020?
2 Taxes on failure to distribute income (section 4942) (does not apply for years the foundation was a private operating foundation defined in section 4942(j)(3) or 4942(j)(5)):
a At the end of tax year 2020, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2020? If "Yes," list the years 20, 20, 20, 20
b Are there any years listed in 2a for which the foundation is not applying the provisions of section 4942(a)(2) (relating to incorrect valuation of assets) to the year's undistributed income? (If applying section 4942(a)(2) to all years listed, answer "No" and attach statement-see instructions.)
c If the provisions of section 4942(a)(2) are being applied to any of the years listed in 2a, list the years here. 20, 20, 20, 20
3a Did the foundation hold more than a 2% direct or indirect interest in any business enterprise at any time during the year?
b If "Yes," did it have excess business holdings in 2020 as a result of (1) any purchase by the foundation or disqualified persons after May 26, 1969; (2) the lapse of the 5-year period (or longer period approved by the Commissioner under section 4943(c)(7)) to dispose of holdings acquired by gift or bequest; or (3) the lapse of the 10-, 15-, or 20-year first phase holding period?(Use Schedule C, Form 4720, to determine if the foundation had excess business holdings in 2020.)
4a Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes?
b Did the foundation make any investment in a prior year (but after December 31, 1969) that could jeopardize its charitable purpose that had not been removed from jeopardy before the first day of the tax year beginning in 2020?



**Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors (continued)**

<b>3 Five highest-paid independent contractors for professional services (see instructions). If none, enter "NONE".</b>		
(a) Name and address of each person paid more than \$50,000	(b) Type of service	(c) Compensation
NONE		
<b>Total</b> number of others receiving over \$50,000 for professional services. . . . . ▶		0

**Part IX-A Summary of Direct Charitable Activities**

List the foundation's four largest direct charitable activities during the tax year. Include relevant statistical information such as the number of organizations and other beneficiaries served, conferences convened, research papers produced, etc.	Expenses
<b>1</b>	
<b>2</b>	
<b>3</b>	
<b>4</b>	

**Part IX-B Summary of Program-Related Investments (see instructions)**

Describe the two largest program-related investments made by the foundation during the tax year on lines 1 and 2.	Amount
<b>1</b>	
<b>2</b>	
All other program-related investments. See instructions.	
<b>3</b>	
<b>Total.</b> Add lines 1 through 3 . . . . . ▶	0

**Part X Minimum Investment Return** (All domestic foundations must complete this part. Foreign foundations, see instructions.)

<b>1</b>	Fair market value of assets not used (or held for use) directly in carrying out charitable, etc., purposes:		
<b>a</b>	Average monthly fair market value of securities. . . . .	<b>1a</b>	163,234,446
<b>b</b>	Average of monthly cash balances. . . . .	<b>1b</b>	516,977
<b>c</b>	Fair market value of all other assets (see instructions). . . . .	<b>1c</b>	0
<b>d</b>	<b>Total</b> (add lines 1a, b, and c). . . . .	<b>1d</b>	163,751,423
<b>e</b>	Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation). . . . .	<b>1e</b>	0
<b>2</b>	Acquisition indebtedness applicable to line 1 assets. . . . .	<b>2</b>	0
<b>3</b>	Subtract line 2 from line 1d. . . . .	<b>3</b>	163,751,423
<b>4</b>	Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions). . . . .	<b>4</b>	2,456,271
<b>5</b>	<b>Net value of noncharitable-use assets.</b> Subtract line 4 from line 3. Enter here and on Part V, line 4	<b>5</b>	161,295,152
<b>6</b>	<b>Minimum investment return.</b> Enter 5% of line 5. . . . .	<b>6</b>	8,064,758

**Part XI Distributable Amount** (see instructions) (Section 4942(j)(3) and (j)(5) private operating foundations and certain foreign organizations check here  and do not complete this part.)

<b>1</b>	Minimum investment return from Part X, line 6. . . . .	<b>1</b>	8,064,758
<b>2a</b>	Tax on investment income for 2020 from Part VI, line 5. . . . .	<b>2a</b>	75,752
<b>b</b>	Income tax for 2020. (This does not include the tax from Part VI.). . . . .	<b>2b</b>	
<b>c</b>	Add lines 2a and 2b. . . . .	<b>2c</b>	75,752
<b>3</b>	Distributable amount before adjustments. Subtract line 2c from line 1. . . . .	<b>3</b>	7,989,006
<b>4</b>	Recoveries of amounts treated as qualifying distributions. . . . .	<b>4</b>	0
<b>5</b>	Add lines 3 and 4. . . . .	<b>5</b>	7,989,006
<b>6</b>	Deduction from distributable amount (see instructions). . . . .	<b>6</b>	0
<b>7</b>	<b>Distributable amount</b> as adjusted. Subtract line 6 from line 5. Enter here and on Part XIII, line 1. . . . .	<b>7</b>	7,989,006

**Part XII Qualifying Distributions** (see instructions)

<b>1</b>	Amounts paid (including administrative expenses) to accomplish charitable, etc., purposes:		
<b>a</b>	Expenses, contributions, gifts, etc.—total from Part I, column (d), line 26. . . . .	<b>1a</b>	6,680,714
<b>b</b>	Program-related investments—total from Part IX-B. . . . .	<b>1b</b>	0
<b>2</b>	Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes. . . . .	<b>2</b>	
<b>3</b>	Amounts set aside for specific charitable projects that satisfy the:		
<b>a</b>	Suitability test (prior IRS approval required). . . . .	<b>3a</b>	
<b>b</b>	Cash distribution test (attach the required schedule). . . . .	<b>3b</b>	
<b>4</b>	<b>Qualifying distributions.</b> Add lines 1a through 3b. Enter here and on Part V, line 8, and Part XIII, line 4	<b>4</b>	6,680,714
<b>5</b>	Foundations that qualify under section 4940(e) for the reduced rate of tax on net investment income. Enter 1% of Part I, line 27b. See instructions. . . . .	<b>5</b>	0
<b>6</b>	<b>Adjusted qualifying distributions.</b> Subtract line 5 from line 4. . . . .	<b>6</b>	6,680,714

**Note:** The amount on line 6 will be used in Part V, column (b), in subsequent years when calculating whether the foundation qualifies for the section 4940(e) reduction of tax in those years.

**Part XIII Undistributed Income** (see instructions)

	(a) Corpus	(b) Years prior to 2019	(c) 2019	(d) 2020
<b>1</b> Distributable amount for 2020 from Part XI, line 7				7,989,006
<b>2</b> Undistributed income, if any, as of the end of 2020:				
<b>a</b> Enter amount for 2019 only. . . . .			4,004,618	
<b>b</b> Total for prior years: 20___, 20___, 20___		0		
<b>3</b> Excess distributions carryover, if any, to 2020:				
<b>a</b> From 2015. . . . .				
<b>b</b> From 2016. . . . .				
<b>c</b> From 2017. . . . .				
<b>d</b> From 2018. . . . .				
<b>e</b> From 2019. . . . .				
<b>f</b> <b>Total</b> of lines 3a through e. . . . .	0			
<b>4</b> Qualifying distributions for 2020 from Part XII, line 4: ▶ \$ <u>6,680,714</u>				
<b>a</b> Applied to 2019, but not more than line 2a			4,004,618	
<b>b</b> Applied to undistributed income of prior years (Election required—see instructions). . . . .		0		
<b>c</b> Treated as distributions out of corpus (Election required—see instructions). . . . .	0			
<b>d</b> Applied to 2020 distributable amount. . . . .				2,676,096
<b>e</b> Remaining amount distributed out of corpus	0			
<b>5</b> Excess distributions carryover applied to 2020. (If an amount appears in column (d), the same amount must be shown in column (a).)	0			0
<b>6</b> <b>Enter the net total of each column as indicated below:</b>				
<b>a</b> Corpus. Add lines 3f, 4c, and 4e. Subtract line 5	0			
<b>b</b> Prior years' undistributed income. Subtract line 4b from line 2b . . . . .		0		
<b>c</b> Enter the amount of prior years' undistributed income for which a notice of deficiency has been issued, or on which the section 4942(a) tax has been previously assessed. . . . .			0	
<b>d</b> Subtract line 6c from line 6b. Taxable amount—see instructions . . . . .		0		
<b>e</b> Undistributed income for 2019. Subtract line 4a from line 2a. Taxable amount—see instructions . . . . .			0	
<b>f</b> Undistributed income for 2021. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2020 . . . . .				5,312,910
<b>7</b> Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3) (Election may be required - see instructions). . . . .	0			
<b>8</b> Excess distributions carryover from 2015 not applied on line 5 or line 7 (see instructions). . . . .	0			
<b>9</b> <b>Excess distributions carryover to 2021.</b> Subtract lines 7 and 8 from line 6a . . . . .	0			
<b>10</b> Analysis of line 9:				
<b>a</b> Excess from 2016. . . . .				
<b>b</b> Excess from 2017. . . . .				
<b>c</b> Excess from 2018. . . . .				
<b>d</b> Excess from 2019. . . . .				
<b>e</b> Excess from 2020. . . . .				

**Part XIV Private Operating Foundations** (see instructions and Part VII-A, question 9)

**1a** If the foundation has received a ruling or determination letter that it is a private operating foundation, and the ruling is effective for 2020, enter the date of the ruling. . . . . ▶

**b** Check box to indicate whether the organization is a private operating foundation described in section  4942(j)(3) or  4942(j)(5)

**2a** Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed . . . . .

	Tax year				(e) Total
	(a) 2020	(b) 2019	(c) 2018	(d) 2017	
<b>b</b> 85% of line 2a . . . . .					
<b>c</b> Qualifying distributions from Part XII, line 4 for each year listed . . . . .					
<b>d</b> Amounts included in line 2c not used directly for active conduct of exempt activities . . . . .					
<b>e</b> Qualifying distributions made directly for active conduct of exempt activities. Subtract line 2d from line 2c . . . . .					

**3** Complete 3a, b, or c for the alternative test relied upon:

**a** "Assets" alternative test—enter:

(1) Value of all assets . . . . .

(2) Value of assets qualifying under section 4942(j)(3)(B)(i)

**b** "Endowment" alternative test— enter 2/3 of minimum investment return shown in Part X, line 6 for each year listed. . .

**c** "Support" alternative test—enter:

(1) Total support other than gross investment income (interest, dividends, rents, payments on securities loans (section 512(a)(5)), or royalties) . . . .

(2) Support from general public and 5 or more exempt organizations as provided in section 4942(j)(3)(B)(iii). . . .

(3) Largest amount of support from an exempt organization

(4) Gross investment income

**Part XV Supplementary Information (Complete this part only if the foundation had \$5,000 or more in assets at any time during the year—see instructions.)**

**1 Information Regarding Foundation Managers:**

**a** List any managers of the foundation who have contributed more than 2% of the total contributions received by the foundation before the close of any tax year (but only if they have contributed more than \$5,000). (See section 507(d)(2).)

**b** List any managers of the foundation who own 10% or more of the stock of a corporation (or an equally large portion of the ownership of a partnership or other entity) of which the foundation has a 10% or greater interest.

**2 Information Regarding Contribution, Grant, Gift, Loan, Scholarship, etc., Programs:**

Check here  if the foundation only makes contributions to preselected charitable organizations and does not accept unsolicited requests for funds. If the foundation makes gifts, grants, etc. to individuals or organizations under other conditions, complete items 2a, b, c, and d. See instructions

**a** The name, address, and telephone number or email address of the person to whom applications should be addressed:

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**b** The form in which applications should be submitted and information and materials they should include:

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**c** Any submission deadlines:

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**d** Any restrictions or limitations on awards, such as by geographical areas, charitable fields, kinds of institutions, or other factors:

**Part XV** Supplementary Information (continued)**3 Grants and Contributions Paid During the Year or Approved for Future Payment**

Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
<b>a</b> <i>Paid during the year</i> See Additional Data Table				
<b>Total . . . . .</b> ▶ <b>3a</b>				6,667,500
<b>b</b> <i>Approved for future payment</i>				
<b>Total . . . . .</b> ▶ <b>3b</b>				0





**Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d**

List and describe the kind(s) of property sold (e.g., real estate, <b>(a)</b> 2-story brick warehouse; or common stock, 200 shs. MLC Co.)	<b>(b)</b> How acquired P—Purchase D—Donation	<b>(c)</b> Date acquired (mo., day, yr.)	<b>(d)</b> Date sold (mo., day, yr.)
INVESCO S&P 500 LOW VOLATILITY ETF	P		2020-06-05
VANGUARD TOTAL BOND MARKET ETF	P		2020-03-06
VANGUARD TOTAL BOND MARKET ETF	P		2020-03-06
VANGUARD TOTAL BOND MARKET ETF	P		2020-03-06
VANGUARD TOTAL BOND MARKET ETF	P		2020-03-06
VANGUARD TOTAL BOND MARKET ETF	P		2020-03-06
VANGUARD TOTAL BOND MARKET ETF	P		2020-03-06
VANGUARD TOTAL BOND MARKET ETF	P		2020-02-28
VANGUARD SMALL CAP ETF	P		2020-02-18
VANGUARD SHORT TERM BOND ETF	P		2020-05-27

**Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h**

<b>(e)</b> Gross sales price	<b>(f)</b> Depreciation allowed (or allowable)	<b>(g)</b> Cost or other basis plus expense of sale	<b>(h)</b> Gain or (loss) (e) plus (f) minus (g)
5,117,887		5,220,844	-102,957
878,581		840,399	38,182
878,889		840,399	38,490
878,781		840,399	38,382
878,481		840,399	38,082
1,757,361		1,680,798	76,563
1,757,361		1,680,798	76,563
5,157,976		4,830,519	327,457
1,692,863		1,622,498	70,365
3,314,327		3,238,200	76,127

**Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l**

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69			<b>(l)</b> Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col.(h))
<b>(i)</b> F.M.V. as of 12/31/69	<b>(j)</b> Adjusted basis as of 12/31/69	<b>(k)</b> Excess of col. (i) over col. (j), if any	
			-102,957
			38,182
			38,490
			38,382
			38,082
			76,563
			76,563
			327,457
			70,365
			76,127

**Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d**

List and describe the kind(s) of property sold (e.g., real estate, (a) 2-story brick warehouse; or common stock, 200 shs. MLC Co.)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo., day, yr.)	(d) Date sold (mo., day, yr.)
VANGUARD VALUE ETF	P		2020-03-11
VANGUARD SHORT TERM BOND ETF	P		2020-01-10
VANGUARD SHORT TERM BOND ETF	P		2020-12-10
VANGUARD S&P 500 ETF	P		2020-03-03
VANGUARD MED CAP VALUE ETF	P		2020-02-18
SPDR BLOOMBERG BARCLAYS 1-3 MONTH T-BILL ETF	P		2020-05-26
SPDR BLOOMBERG BARCLAYS 1-3 MONTH T-BILL ETF	P		2020-05-26
SPDR BLOOMBERG BARCLAYS 1-3 MONTH T-BILL ETF	P		2020-04-27
SPDR BLOOMBERG BARCLAYS 1-3 MONTH T-BILL ETF	P		2020-04-09
INVESCO S&P 500 LOW VOLATILITY ETF	P		2020-10-30

**Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h**

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
1,914,296		1,914,296	0
4,841,666		4,811,400	30,266
7,040,403		6,890,950	149,453
9,743,785		8,415,050	1,328,735
1,696,203		1,637,968	58,235
4,027,231		4,032,160	-4,929
9,152,798		9,164,000	-11,202
1,007,028		1,008,040	-1,012
2,746,439		2,749,200	-2,761
7,743,249		8,485,207	-741,958

**Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l**

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69			(l) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col.(h))
(i) F.M.V. as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col. (i) over col. (j), if any	
			0
			30,266
			149,453
			1,328,735
			58,235
			-4,929
			-11,202
			-1,012
			-2,761
			-741,958

**Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns a - d**

List and describe the kind(s) of property sold (e.g., real estate, <b>(a)</b> 2-story brick warehouse; or common stock, 200 shs. MLC Co.)	<b>(b)</b> How acquired P—Purchase D—Donation	<b>(c)</b> Date acquired (mo., day, yr.)	<b>(d)</b> Date sold (mo., day, yr.)
INVESCO S&P 500 LOW VOLATILITY ETF	P		2020-10-28
VANGUARD SHORT TERM BOND ETF	P		2020-05-27
VANGUARD VALUE ETF	P		2020-12-10
VANGUARD TOTAL BOND MARKET ETF	P		2020-02-28

**Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns e - h**

<b>(e)</b> Gross sales price	<b>(f)</b> Depreciation allowed (or allowable)	<b>(g)</b> Cost or other basis plus expense of sale	<b>(h)</b> Gain or (loss) (e) plus (f) minus (g)
7,917,905		8,053,920	-136,015
2,899,735		2,811,310	88,425
1,065,576		1,070,100	-4,524
3,161,024		2,960,348	200,676

**Form 990PF Part IV - Capital Gains and Losses for Tax on Investment Income - Columns i - l**

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69			<b>(l)</b> Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col.(h))
<b>(i)</b> F.M.V. as of 12/31/69	<b>(j)</b> Adjusted basis as of 12/31/69	<b>(k)</b> Excess of col. (i) over col. (j), if any	
			-136,015
			88,425
			-4,524
			200,676

<b>Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment</b>				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
<b>a</b> <i>Paid during the year</i>				
ASSOCIATION FOR THE STUDY OF AFRICAN AMERICAN LIFE AND HISTORY 301 RHODE ISLAND AVE NW SUITE 2204 WASHINGTON, MA 20001	NOT RELATED	PC	EXEMPT PURPOSE	50,000
CARE (COOPERATIVE FOR ASSISTANCE AND RELIEF EVERYWHERE INC) 151 ELLIS STREET NE ATLANTA, GA 30303	NOT RELATED	PC	EXEMPT PURPOSE	1,000,000
CENTER FOR CURRICULUM REDESIGN 10 JAMAICA WAY SUITE 18 BOSTON, MA 02139	NOT RELATED	PC	EXEMPT PURPOSE	422,500
<b>Total . . . . .</b>			<b>▶ 3a</b>	6,667,500

**Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment**

Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
<b>a</b> <i>Paid during the year</i>				
GATES PHILANTHROPY PARTNERS PO BOX 23350 SEATTLE, WA 98102	NOT RELATED	PC	EXEMPT PURPOSE	1,000,000
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 600 MEMORIAL DRIVE CAMBRIDGE, MA 02139	NOT RELATED	PC	EXEMPT PURPOSE	4,095,000
WIKIMEDIA FOUNDATION 1 MONTGOMERY STREET SAN FRANCISCO, CA 94104	NOT RELATED	PC	EXEMPT PURPOSE	100,000
<b>Total . . . . .</b> ▶ <b>3a</b>				6,667,500

**TY 2020 Accounting Fees Schedule****Name:** MATHWORKS FOUNDATION INC**EIN:** 83-1665375

<b>Category</b>	<b>Amount</b>	<b>Net Investment Income</b>	<b>Adjusted Net Income</b>	<b>Disbursements for Charitable Purposes</b>
WOLF & COMPANY, P.C.	3,650	0		3,650

**TY 2020 Investments - Other Schedule****Name:** MATHWORKS FOUNDATION INC**EIN:** 83-1665375**Investments Other Schedule 2**

<b>Category/ Item</b>	<b>Listed at Cost or FMV</b>	<b>Book Value</b>	<b>End of Year Fair Market Value</b>
VANGUARD SHORT-TERM BOND ETF	FMV	23,212,000	23,212,000
VANGUARD S&P 500 ETF	FMV	41,586,490	41,586,490
VANGUARD MID CAP VALUE ETF	FMV	9,754,720	9,754,720
VANGUARD SMALL CAP GROWTH ETF	FMV	9,149,960	9,149,960
VANGUARD EMERGING MARKETS ETF	FMV	7,516,500	7,516,500
VANGUARD TOTAL BOND MARKET ETF	FMV	46,564,320	46,564,320
VANGUARD VALUE ETF	FMV	36,877,600	36,877,600
BLOOMBERG BARCLAYS HIGH YIELD BOND ETF	FMV	4,902,300	4,902,300

**TY 2020 Legal Fees Schedule****Name:** MATHWORKS FOUNDATION INC**EIN:** 83-1665375

<b>Category</b>	<b>Amount</b>	<b>Net Investment Income</b>	<b>Adjusted Net Income</b>	<b>Disbursements for Charitable Purposes</b>
ROPES & GRAY	8,329	0		8,329

**TY 2020 Other Expenses Schedule****Name:** MATHWORKS FOUNDATION INC**EIN:** 83-1665375**Other Expenses Schedule**

Description	Revenue and Expenses per Books	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
CT CORP	155	0		155
MA ATTORNEY GENERAL FILING FEE	1,000	0		1,000
SCHWAB BANK FEES	80	0		80

**TY 2020 Other Increases Schedule****Name:** MATHWORKS FOUNDATION INC**EIN:** 83-1665375**Other Increases Schedule**

Description	Amount
UNREALIZED GAIN/LOSS	10,712,094

**TY 2020 Taxes Schedule****Name:** MATHWORKS FOUNDATION INC**EIN:** 83-1665375**Taxes Schedule**

<b>Category</b>	<b>Amount</b>	<b>Net Investment Income</b>	<b>Adjusted Net Income</b>	<b>Disbursements for Charitable Purposes</b>
ESTIMATED TAX PAYMENTS	50,000	0		0

**Schedule B**  
(Form 990, 990-EZ,  
or 990-PF)  
Department of the Treasury  
Internal Revenue Service

**Schedule of Contributors**  
▶ Attach to Form 990, 990-EZ, or 990-PF.  
▶ Go to [www.irs.gov/Form990](http://www.irs.gov/Form990) for the latest information.

OMB No. 1545-0047  
**2020**

Name of the organization  
MATHWORKS FOUNDATION INC

**Employer identification number**  
83-1665375

**Organization type** (check one):

**Filers of:**

**Section:**

Form 990 or 990-EZ

501(c)( ) (enter number) organization

4947(a)(1) nonexempt charitable trust **not** treated as a private foundation

527 political organization

Form 990-PF

501(c)(3) exempt private foundation

4947(a)(1) nonexempt charitable trust treated as a private foundation

501(c)(3) taxable private foundation

Check if your organization is covered by the **General Rule** or a **Special Rule**.

**Note:** Only a section 501(c)(7), (8), or (10) organization can check boxes for both the General Rule and a Special Rule. See instructions.

**General Rule**

For an organization filing Form 990, 990-EZ, or 990-PF that received, during the year, contributions totaling \$5,000 or more (in money or other property) from any one contributor. Complete Parts I and II. See instructions for determining a contributor's total contributions.

**Special Rules**

For an organization described in section 501(c)(3) filing Form 990 or 990-EZ that met the 33<sup>1</sup>/<sub>3</sub>% support test of the regulations under sections 509(a)(1) and 170(b)(1)(A)(vi), that checked Schedule A (Form 990 or 990-EZ), Part II, line 13, 16a, or 16b, and that received from any one contributor, during the year, total contributions of the greater of (1) \$5,000 or (2) 2% of the amount on (i) Form 990, Part VIII, line 1h, or (ii) Form 990-EZ, line 1. Complete Parts I and II.

For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, total contributions of more than \$1,000 *exclusively* for religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals. Complete Parts I, II, and III.

For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, contributions *exclusively* for religious, charitable, etc., purposes, but no such contributions totaled more than \$1,000. If this box is checked, enter here the total contributions that were received during the year for an *exclusively* religious, charitable, etc., purpose. Don't complete any of the parts unless the **General Rule** applies to this organization because it received *nonexclusively* religious, charitable, etc., contributions totaling \$5,000 or more during the year . . . . . ▶ \$ \_\_\_\_\_

**Caution:** An organization that isn't covered by the General Rule and/or the Special Rules doesn't file Schedule B (Form 990, 990-EZ, or 990-PF), but it **must** answer "No" on Part IV, line 2, of its Form 990; or check the box on line H of its Form 990-EZ or on its Form 990PF, Part I, line 2, to certify that it doesn't meet the filing requirements of Schedule B (Form 990, 990-EZ, or 990-PF).

Name of organization  
MATHWORKS FOUNDATION INC

Employer identification number  
83-1665375

**Part I**

**Contributors** (see instructions). Use duplicate copies of Part I if additional space is needed.

(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
1	THE MATHWORKS INC 3 APPLE HILL DRIVE NATICK, MA 01760	\$ 35,000,000	<input checked="" type="checkbox"/> Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash (Complete Part II for noncash contributions.)
		\$	<input type="checkbox"/> Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash (Complete Part II for noncash contributions.)
		\$	<input type="checkbox"/> Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash (Complete Part II for noncash contributions.)
		\$	<input type="checkbox"/> Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash (Complete Part II for noncash contributions.)
		\$	<input type="checkbox"/> Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash (Complete Part II for noncash contributions.)
		\$	<input type="checkbox"/> Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash (Complete Part II for noncash contributions.)

Name of organization  
MATHWORKS FOUNDATION INC

Employer identification number

83-1665375

<b>Part II</b>			
<b>Noncash Property</b>			
(a) No. from Part I	(b) Description of noncash property given <small>(see instructions). Use duplicate copies of Part II if additional space is needed.</small>	(c) FMV (or estimate) <small>(See instructions)</small>	(d) Date received
-	_____ _____ _____	_____ \$	_____
(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) <small>(See instructions)</small>	(d) Date received
-	_____ _____ _____	_____ \$	_____
(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) <small>(See instructions)</small>	(d) Date received
-	_____ _____ _____	_____ \$	_____
(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) <small>(See instructions)</small>	(d) Date received
-	_____ _____ _____	_____ \$	_____
(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) <small>(See instructions)</small>	(d) Date received
-	_____ _____ _____	_____ \$	_____
(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) <small>(See instructions)</small>	(d) Date received
-	_____ _____ _____	_____ \$	_____
(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) <small>(See instructions)</small>	(d) Date received
-	_____ _____ _____	_____ \$	_____

Name of organization  
MATHWORKS FOUNDATION INC

Employer identification number  
83-1665375

**Part III** Exclusively religious, charitable, etc., contributions to organizations described in section 501(c)(7), (8), or (10) that total more than \$1,000 for the year from any one contributor. Complete columns (a) through (e) and the following line entry. For organizations completing Part III, enter the total of exclusively religious, charitable, etc., contributions of \$1,000 or less for the year. (Enter this information once. See instructions.) ▶ \$ \_\_\_\_\_  
Use duplicate copies of Part III if additional space is needed.

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
	_____ _____	_____ _____	_____ _____
(e) Transfer of gift			
Transferee's name, address, and ZIP 4		Relationship of transferor to transferee	
_____ _____		_____ _____	

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
	_____ _____	_____ _____	_____ _____
(e) Transfer of gift			
Transferee's name, address, and ZIP 4		Relationship of transferor to transferee	
_____ _____		_____ _____	

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
	_____ _____	_____ _____	_____ _____
(e) Transfer of gift			
Transferee's name, address, and ZIP 4		Relationship of transferor to transferee	
_____ _____		_____ _____	

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
	_____ _____	_____ _____	_____ _____
(e) Transfer of gift			
Transferee's name, address, and ZIP 4		Relationship of transferor to transferee	
_____ _____		_____ _____	