



## 2020 MAKERBOT GRANT GUIDE

Bring 3D printing to your school or classroom by using the MakerBot 2020 Guide. This clickable guide is designed to make it easier for educators and administrators to find and secure valuable grants year-round.

Please refer to grant websites for specific deadlines and additional application information. If you have any questions, please reach out to us at [hello@makerbot.com](mailto:hello@makerbot.com).

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- 2020 Grant Guide
- 10 Tips to Secure a Grant for your Classroom or School
- 10-Step Classroom 3D Printing Action Checklist

# Grades K-12 and Higher Education

## Motorola Solutions Foundation Innovation Generation Grants

Grants will be considered for programs supporting STEM for elementary through university students and teachers. Applications are accepted from January through February.

**APPLICATION DEADLINE**  
02 / 04 / 2020

## Wells Fargo Grants

Grants will be considered for schools, philanthropy & volunteerism, community development loans and investments, and environmental activities. Deadline to submit applications differs by region.

**APPLICATION DEADLINE**  
Varies

## Walmart - Community Grant Program

Grants will be considered for K-12 public or private school, charter school, community/ junior college, state/private college or university. Applications may be submitted at any time during this funding cycle. Please note that applications will only remain pending in our system for 90 days.

**APPLICATION DEADLINE**  
12 / 31 / 2020

## Beckman Coulter Foundation Grant

Grants will be considered for funding around programs that are focused around science, science education and healthcare-related research. Applications will be reviewed within 60-90 days.

**APPLICATION DEADLINE**  
Rolling  
reviewed within 60-90 days

## Westinghouse Charitable Giving Program

Area needs to be within 50 miles of a U.S. Westinghouse site. Grants will be considered for education with a focus on STEM. Applications are accepted on a rolling basis.

**APPLICATION DEADLINE**  
Rolling,  
reviewed quarterly

## AIAA Foundation Classroom Grant Program

The American Institute of Aeronautics and Astronauts is dedicated to the importance of STEM education and awards \$200 in grants to K-12 teachers who want to incorporate new ways of teaching science, technology, education and mathematics into their classroom.

**APPLICATION DEADLINE**  
Window opens in the Fall

## NWA Sol Hirsh Education Fund Grants

The National Weather Association aims to support the importance of meteorology in elementary, middle and high school by awarding grants to teachers who demonstrate a commitment to improving the quality of meteorology education.

**APPLICATION DEADLINE**  
Exact date TBA.  
Dates for submission will be released in Spring 2020.

## ACS-Hach High School Chemistry Classroom Grant

ACS-Hach High School Chemistry Classroom Grants support ideas and higher level educators that enhance classroom learning, foster student development, and reveal the wonders of chemistry.

**APPLICATION DEADLINE**  
04 / 14 / 2020

## Pitsco Grant Application

This grant is awarded in the form of a gift certificate that may be used to purchase hands-on STEM products, curriculum, and more. Applications are accepted from the first day of each month to the last day of the month.

**APPLICATION DEADLINE**  
Last day of each month.

## Dr. Scholl Foundation

Applications for grants are considered in the following areas: Education, social service, healthcare, civic and cultural, and environmental. The Dr. Scholl Foundation application form can be submitted between October 1 and March 1 of the following year.

**APPLICATION DEADLINE**  
03 / 01 / 2020

**Reiman Foundation**

The Reiman Foundation focuses its giving in four main areas: Healthcare, education, the arts, and children. Applications are accepted all year-round.

**APPLICATION DEADLINE**

No deadline.

**Educators of America**

Educators of America are driven to not only supply teachers and educators with the classroom technology they need, but also train them to use it in the most effective ways possible. Applications reviewed on a quarterly basis.

**APPLICATION DEADLINE**

First day of December, March, June and October.

## Academic Awards and Contests

**Samsung Solve for Tomorrow**

**Academic Contest with a single winner per state**

Teachers in STEM education complete a Solve for Tomorrow online application to bring new technology to their school.

**APPLICATION DEADLINE**

Varies

**Shell Science Lab Challenge**

**Academic Contest**

Science educators in middle and high school programs are able to apply to compete in the contest. The Challenge will portray the work of teachers who submit innovative, replicable strategies to deliver quality lab experiences with limited equipment/resources.

**APPLICATION DEADLINE**

02 / 04 / 2020

## Educator Grants, Scholarships, and Awards

**National Council of Teachers of Mathematics**

An ongoing list of grants, scholarships, and awards.

**National Science Foundation**

An ongoing list of grants, scholarships, and awards.

**DonorsChoose.org**

Connect to a thriving community of donors eager to fund classroom projects.

**Computers For Learning**

The EO directs agencies to give highest preference to schools and nonprofit organizations, including community-based educational organizations through gift or donation, of computers and related peripheral equipment excess to their needs.

# Grades K-12 Schools

## Captain Planet Foundation

Grants will be considered for schools that create projects performed by youth and have real environmental outcomes. Session 1 deadline closes January 15th; Session 2 deadline closes July 15, 2019.

### APPLICATION DEADLINE

S1: 01 / 15 / 2020  
S2: 07 / 15 / 2020

## Monsanto Education

### **Eligible Communities**

Grants will be considered for K-12 math and science education. The first session ranges from January 1 and closes February 28, 2020. The second session ranges from July 1 and closes on August 31, 2020.

### APPLICATION DEADLINE

S1: 02 / 28 / 2020  
S2: 08 / 31 / 2020

## Monsanto Community Development

### **Eligible Communities**

Grants will be considered for K-12 math and science education. The first session ranges from January 1 and closes February 28, 2020. The second session ranges from July 1 and closes on August 31, 2020.

### APPLICATION DEADLINE

S1: 02 / 28 / 2020  
S2: 08 / 31 / 2020

## Verizon Foundation Grants

Grants will be considered for projects that promote STEM education and improve learning through the use of technology in the classroom.

### APPLICATION DEADLINE

By invitation only

## Technology Education Foundation

Greater Dane and Madison County, Wisconsin Areas Only.

Grants will be considered for K-12 programs. Applications will be accepted until March 31st.

### APPLICATION DEADLINE

S1: 03 / 31 / 2020

## Lockheed Martin Grants

Grants will be considered for K-12 public schools that focus on STEM education.

Applications are accepted quarterly and can be submitted online.

### APPLICATION DEADLINE

Rolling,  
reviewed quarterly

## The After School Advantage Program

Grants are awarded to non-profit community agencies and public schools with digital learning centers for disadvantaged children. Submissions are accepted and reviewed on a rolling basis.

### APPLICATION DEADLINE

Rolling

## Perloff Family Foundation Grants

Grants are limited to the state of Maine. The objective of the foundation is to provide a source of funding that enables teachers to be educational innovators who are committed to planning, risk taking and achieving timely results. Variety of grants considered for K-12 schools and academies.

### APPLICATION DEADLINE

Various deadlines

## Alternative Fuel Foundation Grant

Funds are available for educational institutions to aid in the development of programs that promote renewable energy, environmental sustainability, and earth stewardship.

### APPLICATION DEADLINE

Rolling,  
reviewed quarterly

## Toyota USA Foundation Grants

Grants will be considered for projects that promote STEM education and improve learning through the use of technology in the classroom. Refer to deadline for each facility on the grant website.

### APPLICATION DEADLINE

Varies,  
window opens in April

**McCarthy Dressman Education Foundation for Academic Enrichment Grant**

Grants will be considered for K-12 librarians and educators, who are employed by schools or non-profit organizations, with unique ideas for projects that supplement classroom curriculums for low-income households. Submission period is available from January 15- April 15 every year.

**APPLICATION DEADLINE**

04 / 15 / 2020  
or 350 submissions, if sooner.

**McCarthy Dressman Education Foundation for Teacher Development**

Grants will be considered for K-12 teachers employed in public or private schools. Submission deadline is April 15, 2020.

**APPLICATION DEADLINE**

04 / 15 / 2020  
or 350 submissions, if sooner.

**Voya Unsung Heroes**

Grants will be considered for K-12 educators utilizing new teaching methods and techniques that improves learning. Deadline to submit applications is April 30, 2020.

**APPLICATION DEADLINE**

04 / 30 / 2020

**Crayola Creative Leadership Grants**

Up to 20 grants will be awarded to creative leadership teams to further infuse creativity throughout their school. Applications must be submitted by June 3, 2020.

**APPLICATION DEADLINE**

06 / 03 / 2020

**Toshiba America Foundation Kindergarten-Grade 5**

Grants will be considered for grade level K-5 teachers to help bring an innovative hands-on project into their classroom. Deadline to submit an application is October 1, 2020.

**APPLICATION DEADLINE**

10 / 01 / 2020

**Toshiba America Foundation**

**Grade 6 - Grade 12**

Grants will be considered for grade level 6-12 teachers who are passionate about making science and mathematics more engaging in the classroom. Applications are accepted throughout the calendar year.

**APPLICATION DEADLINE**

Varies

**NEA Learning and Leadership Grants**

Grants will be considered for public school teachers, public education support professionals, and/or faculty and staff in public institutions of higher education who are members of NEA. Applications are reviewed 3 times per year with deadlines of February 1st, June 1st, and October 15, 2020.

**APPLICATION DEADLINE**

1: 02 / 01 / 2020  
2: 06 / 01 / 2020  
3: 10 / 15 / 2020

**NEA Student Achievement Grants**

Grants are awarded for students in public schools, libraries and public higher education institutions who are members of the NEA. Applications are reviewed 3 times per year with deadlines of February 1st, June 1st, and October 15, 2020.

**APPLICATION DEADLINE**

1: 02 / 01 / 2020  
2: 06 / 01 / 2020  
3: 10 / 15 / 2020

**American Honda Foundation**

College and universities with programs with a focus in science, technology, engineering, and mathematics can apply. New organizations to submit an application by February 1, 2019, or August 1, 2020, and returning organizations to submit an application by May 1, 2020.

**APPLICATION DEADLINE**

Varies,  
eligibility quiz required

**ITEA FTEE Undergraduate Scholarship**

Grants will be considered for undergraduate FTEE members majoring in technology and engineering education teacher preparation. Deadline to submit an application is December 1, 2020.

**APPLICATION DEADLINE**

12 / 01 / 2020

**Litherland/FTEE Undergraduate Scholarship**

Grants will be considered for undergraduate FTEE members majoring in technology and engineering education teacher preparation. Deadline to submit an application is December 1, 2020.

**APPLICATION DEADLINE**  
12 / 01 / 2020

**ITEA FTEE Teacher Professional Development Scholarship**

The grant's purpose is to support teachers in their preparation to increase the positive outcomes of technology and engineering education.

**APPLICATION DEADLINE**  
12 / 01 / 2020

**Martha Holden Jennings Foundation Grant**

Grants will be considered for any teacher (Pre-K – grade 12) or administrator in Ohio's secular primary or secondary schools can apply for a grant. Applications reviewed 10 times a year.

**APPLICATION DEADLINE**  
Rolling deadline

**Fresh Films Tech Grant**

Grants will be considered for teachers and principals in K-12 schools who have a demonstrated need for technology in the classroom.

**APPLICATION DEADLINE**  
Rolling deadline, four times a year.

**Cognizant U.S. Foundation**

Grants will be considered for higher education students with a focus on STEM initiatives. Applications must be submitted by December 1, 2020.

**APPLICATION DEADLINE**  
Rolling

**LEGO Children's Community Fund Grant**

**Connecticut area only**

Invitation to programs benefiting children 0-14 in the areas of learning, creativity or creative problem-solving. The LEGO Community Fund invites non-profit organizations to submit their organization online anytime.

**APPLICATION DEADLINE**  
Rolling, by invitation only

**Hearst Foundation**

Grants will be considered with a focus on higher education students but K-12 educators are encouraged to apply. Applications are accepted year round and will be reviewed within 4-6 weeks.

**APPLICATION DEADLINE**  
Rolling

**Innovative Educator Program**

(IEP) offers financial support for teachers and schools utilizing digital learning to overcome achievement gaps, drive engagement, and personalize learning for their students. Proposals are accepted for 6-8 weeks in the spring, March-May.

**APPLICATION DEADLINE**  
05 / 15 / 2020

**Ready to apply for a Grant? Contact a MakerBot Education Specialist today to get a free custom quote for the 3D printer solution you are applying for.**

Call: +1 347 752 5571

Email: [hello@makerbot.com](mailto:hello@makerbot.com)

# 10-TIPS TO SECURE A GRANT FOR YOUR CLASSROOM OR SCHOOL

Winning a grant can be the difference between better resources for the classroom or funding an entire program.

To help you secure a grant, we put together ten key tips:

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## 1. START BY PLANNING AND PREPARING FOR YOUR GRANT APPLICATION

To submit a strong application on time, you will need to stay organized, build a list of all the documents or information you need, and assess how long it will take you to actually complete the application.

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## 2. FOLLOW PROPER PROTOCOLS EVEN BEFORE YOU APPLY

In some states and school districts, you are required to obtain approval from a school board before requesting grants over a certain dollar amount. Don't put yourself through the work of a grant application only to later learn it's disqualified because of this protocol or others like it.

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## 3. PLAN OUT IMPLEMENTATION OF THE GRANT

The person who applies for the grant isn't necessarily the one who implements it. Before you apply, you should have a very clear idea and plan of how it will be implemented, who will do so, and how success will be evaluated afterward.

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## 4. FIND SOURCES AND BUILD A STRATEGIC LIST — STARTING WITH THE 2020 MAKERBOT GRANT GUIDE

To keep your research efficient, start by scouring the internet for the best places that list grants and then build a strategic list to work through. Both [Grants 4 Teachers](#) and [Grants.gov](#) are sites to bookmark and use along with the 2020 MakerBot Grant Guide.

You will want to start small and apply for grants that seem like the easiest to secure. Since you might need to apply for a variety, it's helpful to prioritize that list for your goals — whether it's by dollar amount or easiest-to-win.

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## 5. CAREFULLY STUDY AN EXAMPLE OF A SUCCESSFUL GRANT APPLICATION

Many foundations and other grant sources provide an example of a successful application. Even if you have plenty of experience, you will want to study an example in case there are any unusual requirements. In the event when you cannot find the right sample, you can also try to contact a grant winner for a copy of their application.

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## 6. DEVELOP A TEMPLATE FOR THE KEY ELEMENTS OF AN APPLICATION

Most grant proposals require the following at the very least; however, be prepared to include more.

- **An Introduction to Your Organization**  
Describe your school and its mission
  - **The Project Description**  
Give a concise summary of goal and solution, what you hope to achieve, funding level sought, and identify your population
  - **Your Needs**  
State the problem that you want to address or fix
  - **The Solution**  
Specify how the grant fits into your larger solution
  - **Your Project Plan and Activities**  
Outline how your project will proceed
  - **Your Budget**  
Scope out an exacting budget, not a loose estimate
  - **How You Evaluate Success**  
Define the measure of success for your program
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## 7. SOURCE COMPELLING STATISTICS AND FACTS

Since you aren't the only school applying for a grant, you need to separate your application from the rest. Citing compelling statistics can add objective power to your case.

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## 8. REQUEST A PRECISE, ACCURATE FUNDING AMOUNT

Be exact when you request grant funding. If you ask for more than the grant offers, then your application will likely be disqualified. If you underestimate, then you will have to make up for the rest of the money. Also, always remember to account for small grant fees, like shipping and sales tax.

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## 9. WORKSHOP YOUR GRANT WRITING

To step up your grant applications, you might consider attending a workshop or listening to webinars. Leveraging the experience, intelligence, and feedback of others can only sharpen your skills.

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## 10. PROOF YOUR APPLICATION RELENTLESSLY

Your grant application should be as inscrutable as possible. Even small errors, like typos, can lead to doubts about the seriousness of your application. Once you are done, step back, take a big-picture look at your application, and then send it off.

Good luck!

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