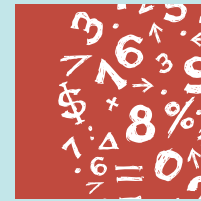
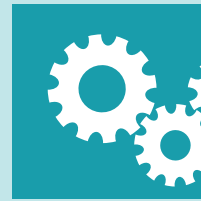




# STEAM

Science • Technology • Engineering • Arts • Math



## HIGH SCHOOL COMMUNITY CHALLENGE



FORD  
NEXT GENERATION  
LEARNING   
*Education Innovation*

# **BE A LEADER IN YOUR COMMUNITY!**

**Develop an innovative solution to a challenge in your community using a STEAM approach and win up to \$20,000 from Ford Motor Company to support the implementation of your solution.**

## WHO CAN APPLY?

**High school students in the Ford Next Generation Learning Network (Ford NGL Communities and Powered by Ford STEAM Academies)**

## WHAT ARE THE REQUIREMENTS?

- **Everything must be student-led.**
- **The solution must address a challenge in the community using a combination STEAM approach (science, technology, engineering, the arts, and math).**
- **The solution should impact members of the community outside of the high school.**
- **The solution should in a tangible way address an urgent and unmet community need.**
- **The solution must involve community partners such as, but not limited to, community-based organizations, local businesses, and/or the local chamber.**

# HOW DOES A TEAM APPLY?

**To apply teams must complete the online application and upload a 5-7 minute video that describes the project.**

# WHAT SHOULD THE VIDEO DEMONSTRATE?

**Your video should demonstrate how the competition criteria will be addressed including the following.**

1. TELL US ABOUT THE COMMUNITY CHALLENGE YOU ARE ADDRESSING AND WHY IT IS IMPORTANT TO SOLVE.
2. DETAIL THE SOLUTION YOU ARE PROPOSING TO IMPLEMENT.
3. SHOW US HOW THE SOLUTION INCORPORATES STEAM (SCIENCE, TECHNOLOGY, ENGINEERING, THE ARTS AND MATH).
4. DESCRIBE THE IMPACT YOUR SOLUTION WILL HAVE ON YOUR COMMUNITY.
5. TELL US ABOUT WHO YOU ARE PARTNERING WITH TO IMPLEMENT YOUR SOLUTION AND THEIR ROLE IN THE PROCESS.
6. ADDRESS AND DESCRIBE HOW YOUR TEAM HAS INCORPORATED DIVERSITY.
7. EXPLAIN EACH TEAM MEMBER'S ROLE.
8. SHARE HOW THE SOLUTION WILL BE SUSTAINED BEYOND THE INITIAL IMPLEMENTATION.

## **VIDEO TIPS:**

- **Use a tripod.**
- **Make sure there is adequate lighting.**
- **Hearing and understanding the audio is critical, so use an external microphone when necessary.**
- **Shoot secondary footage (B roll) to help visualize the narration.**
- **Check your video and monitor your audio along the way.**

## **HOW DO WE SUBMIT THE VIDEO?**

**Upload your video to Youtube and hashtag it #FordSTEAMChallenge18.**

# WHAT IS THE JUDGING CRITERIA?

- **Student leadership and voice**
- **Use of science, technology, engineering, the arts, math (STEAM) in the solution**
- **Impact**
- **Solution addresses a real need**
- **Community partners and their role**
- **Diversity of the team and/or diversity of those impacted by the solution (For example, describe the ethnic/cultural, gender, special needs, or socio-economic impact.)**
- **Creativity of solution**

# WHAT IS THE OVERALL TIMELINE?

## **Important dates:**

- PROPOSALS DUE 12/15/17 5:00 PM EST
- SEMIFINALISTS (TOP 10) NOTIFIED BY 01/08/18
- WINNERS NOTIFIED 2/6/18

## **Important dates for winners:**

- W9, BUDGET, IMPLEMENTATION TIMELINE AND INDIVIDUAL PICTURES FOR PROPOSAL DUE 2/13/18
- IMPLEMENTATION OF SOLUTION BEGINS 2/20/18
- VIDEO SUBMISSION HIGHLIGHTING PROGRESS, IMPACT AND MORE DUE 4/2/18 (5:00 PM EST)
- STANDARD IMPLEMENTATION PROGRESS GROUP CHECK-INS OCCUR MONTHLY (DATE AND TIME TBD)
- FORD NGL NATIONAL CONFERENCE BEING HELD 6/26 THROUGH 6/29/18

## **COMPETITION WINNERS WILL:**

- **Share progress on your implementation of the solution.**
- **Share a final video demonstrating the impact of your solution.**
- **Share a budget of how funds will be used.**
- **Share a tentative timeline for implementation of the proposal.**
- **Have the opportunity to interview for a chance to participate (all related expenses paid) in the Ford NGL National Conference in Dearborn, Michigan from 6/26 through 6/29/18.**



## **NEXT STEPS:**

- 1. Identify a challenge and develop an innovative solution with your peers.**
- 2. Complete the online entry form. Information about each team member, leads, and community partners will be required.**
- 3. Upload your 5-7 minute video submission for the Ford STEAM High School Community Challenge by Friday, December 15, 2017 with the #FordSTEAMChallenge18.**
- 4. Make sure each person (students and adults) on your team completes and returns the media waiver form.**
- 5. Email your team photo to *STEAMchallenge@fordngl.com*.**

**IF YOU'VE GOT  
QUESTIONS,  
WE'VE GOT ANSWERS!**

**Email: [STEAMchallenge@fordngl.com](mailto:STEAMchallenge@fordngl.com)**

