



**13 TEAMS**  
of high school students from across the US

USING AN  
**ONLINE PLATFORM**

TO  
**STAY**



**CONNECTED**  
THROUGHOUT THE SCHOOL YEAR

AWARDED UP TO

**10K DOLLARS**

FOR INVENTION PROJECTS

LEMELSON-MIT  
**InvenTeams**

HIGH SCHOOL TEAMS  
AWARDED LEMELSON-MIT INVENTEAM® GRANTS  
FOR INVENTION PROJECTS



**4**

INVENTIONS  
FOR ENVIRONMENTAL  
SUSTAINABILITY

**Braham High School (Braham, Minn.)**  
System to wash clothing in zero gravity, thereby reducing waste in space

**Energy Institute High School (Houston, Texas)**  
System to repurpose waste PLA 3D printer filament

**H.H. Dow High School (Midland, Mich.)**  
Device to create drain covers which open only in the presence of moisture

**Landmark School (Prides Crossing, Mass.)**  
Device to monitor near-shore ocean environmental variables



**4**

INVENTIONS  
FOR HEALTH

**Gilbreath-Reed Career and Technical Center (Garland, Texas)**  
System to sanitize firefighters' boots to prevent the spread of communicable diseases

**Middleton High School (Tampa, Fla.)**  
System to administer and monitor prescription medicine-taking in senior homes

**Ridgewood High School (Ridgewood, N.J.)**  
System to generate hydrogen peroxide and sanitize water in a reusable water bottle

**Smithtown High School West (Smithtown, N.Y.)**  
Device to monitor social distancing for students with autism spectrum disorders



**5**

INVENTIONS  
FOR SAFETY

**The Archer School for Girls (Los Angeles, Calif.)**  
System to detect embers and actuate a roof sprinkler system

**Benilde St. Margaret's (St. Louis Park, Minn.)**  
Device to extend reaching capabilities for people using wheelchairs

**Charles R. Drew Senior Academy (Atlanta, Ga.)**  
Device to record police-civilian interaction in personal automobiles

**Omro High School (Omro, Wis.)**  
Device to measure lake-ice thickness and crowdsource a map

**Quarry Lane School (Dublin, Calif.)**  
System to connect a basketball referee's whistle with player-worn feedback system

APPLICATIONS ARE NOW OPEN FOR NEXT YEAR

LEARN MORE

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