

# Global STEM Challenges Program

The Global STEM Challenges Program (GSCP) is a three-year program within Edison High School designed for students interested in learning through solving real-world problems.

Students take integrated mathematics, science, technology and engineering classes; and develop 21<sup>st</sup>-Century skills that universities and employers value.



Solve the  
U.S. National Academy of  
Engineering  
**Grand Challenges**

How will GSCP help YOU change the world?

Are you in the 8th grade?

**8<sup>th</sup>**

Do you like working with others to solve challenging problems?



Are you passionate about changing the world?



Join the  
**Global STEM Challenges Program!**

9<sup>th</sup> Grade  
Food Shortages



10<sup>th</sup> Grade  
Access to Clean Water



11<sup>th</sup> Grade  
Sustainable Energy



NATIONAL ACADEMY OF ENGINEERING  
www.engineeringchallenges.org/challenges



Learn more: <https://edisonhs.fcps.edu/features/global-stem-challenges-program>



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# Students In The Global STEM Challenges Program...

Want to be challenged with honors and International Baccalaureate (IB) level coursework through active, flexible learning strategies.



*"Be prepared to work, and be ready to take more leadership roles, and be ready to take control of your own learning." – GSCP Student*

Completed Algebra I in 8<sup>th</sup> grade. \*

Are committed to remain in GSCP for three years. \*

**9<sup>th</sup>-11<sup>th</sup>**

\*Students enroll in GSCP during course selection in 8<sup>th</sup> grade."

Collaborate in small group, hands-on, project-based instruction.



*"Be fully aware about the commitment of working with other people and really taking into account other people's values and opinions." –GSCP Student*



Ask questions to develop knowledge and understanding.



*"GSCP has taught me more about problem solving and finding solutions on my own without waiting on my teachers to find it for me." -- GSCP Student*

Want to make the world a better place!



*"It's more engaging and you can see how the content you are learning is used to help people outside of school." – GSCP Student*

Use unstructured work time wisely.



*"You have to use your time more constructively and be self-directed. You must be ready to go beyond regular school expectations." – GSCP Student*

**Learn more:** <https://edisonhs.fcps.edu/features/global-stem-challenges-program>



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