

Watch and learn as a robot builder (Bill Fly the Robot Guy) from VRC team 3129A, the Green MacHHHHine, teaches you about the many uses and practical applications of triangles in robotics. By watching this humorous spoof on the popular television show “Bill Nye the Science Guy”, you will learn the best ways to make important structures in your robot strong and at perfect right angles to each other. You’ll even hear from some “Way Cool Scientists” and learn a “Nifty Home Experiment” that you can use on your robots at home! This video covers everything from the Pythagorean Theorem to turning rectangles into triangles. They say to beware of Greeks bearing gifts, but in this case, you don’t have to worry, Pythagoras’s gift of the Pythagorean Theorem has been tested and proven to work.

Cast:

Bill Fly the Robot Guy- Robbie
Way Cool Scientist #1- Jack
Nifty Home Experiment Kid- Timmy
Way Cool Scientist #2- Eric
Robot- Green MacHHHHine

Edited and Directed by:

Timmy

Written by:

Robbie

Artwork by:

Jack

Special Thanks:

Bill Nye the Science Guy- for showing us a great method of teaching
The Art Institute of Sunnyvale California- for letting us film in front of their green screen
All of our mentors (Erik, Irv, Jamie, and Miles)- for teaching us everything we know about triangles and robot building

Special note: everything about this show including all of the acting and video editing was entirely created and produced by the students on VEX Robotics Team 3129A.