

## Real World Design Challenge

Georgia TSA has partnered with the Lt. Governor, Case Cagle and the Real World Design Challenge in a mission to allow Georgia technology students the opportunity of a life time. The Real World Design Challenge is an annual high school competition run by a public-private partnership with the goal of sustainability increasing the Science, Technology, Engineering, and Mathematics (STEM) workforce. By participating in this culminating event students will have the opportunity to solve a real world aviation problem using the world's top of the line mechanical engineering software. Each school that participates in the Challenge will **receive free business and industry software that will assist your students in the solving of the design challenge**. In addition to the most powerful software, students are provided professional mentors to guide them to success. The winner of the Georgia Real World Design Challenge will have the opportunity to travel to the Georgia State Capitol to present the winning project. The winner will also receive a free trip to Washington D.C. to compete in the national Real World Design Challenge!

You can start as early as NOW! Follow the following steps to download all the free software you will need!

So, how do you and your students get started? Just follow the steps below...

1. Go to <http://www.realworlddesignchallenge.org>
2. On the left side of the screen click sign up and teams
3. Fill in the required information. Write down your username and password
4. After completing the registration process, you will receive a confirmation email from RWDC
5. Next, go to <http://www.realworlddesignchallenge.org/support.php?menu=resource-sub>
6. At the top of the page click after "... download all the applications necessary for the Challenge HERE".
7. Download Creo Elements 5.0, Mathcad Prime 1.0, Flo.EFD Pro
8. Email [rwdc\\_support@ptc.com](mailto:rwdc_support@ptc.com) to receive your product codes. **Be sure to include the number of computers you need to install the software.**
9. Within the next few weeks you will receive an invitation to join your Windchill project where you will need to store all your data for the Real World Design Challenge.
10. Remember training is provided for these software programs at [www.ptcschools.com](http://www.ptcschools.com)

Remember, the challenge is not released until October. It is suggested to download the software as soon as you wish to begin getting familiar with the software. Students do not have to use the provided software to solve the Real World Design Challenge problem.

Please contact Ashley Hopkins State Coordinator of the Real World Design Challenge for any additional questions or concerns.

Good luck!

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