



Real World Design Challenge

Real World Design Challenge FY12 State Judges Needed

The Real World Design Challenge (RWDC) is an annual high school competition run by a public-private partnership with the goal of sustainably increasing the Science, Technology, Engineering, and Mathematics (STEM) workforce. Teams of 3-7 secondary school students design a plane looking at the forces of flight, lift, weight, thrust & drag with the goal of enhancing performance and fuel efficiency.

The registrations for the RWDC have increased 42% this year! We have 38 states participating with Governors and Lt. Governors supporting the "Governor's Challenge" in each state. The Challenge is going into the fourth year of operation and has 9.5% of US high schools involved making it the fastest growing STEM competition in the country.

We need scientists, engineers and mathematicians to help judge the RWDC State Challenge. Your involvement will help to make this year's Challenge a success!

RWDC State Judges help to determine the RWDC State Champion. Judges use the RWDC FY12 State Scoring Rubric to evaluate the teams' Engineering Design Notebooks (the team's solutions). It takes about 2-4 hours to score an Engineering Design Notebook. Most judging is done virtually and electronically. The RWDC State Coordinator sends all of the material to the judges and collects the scores. Usually a conference call is held to finalize scores and come to resolution on the choice of the State Champion. State Judging takes place from February 7-20, 2012.

The team that is chosen will be invited to participate in the RWDC National Challenge in Washington, DC with all expenses paid. At the National Competition additional panels of judges will choose the RWDC National Champion.

To sign up as a judge please indicate that you want to be a judge and send your full contact information to:

Challis Breithaupt
State Coordinator, Real World Design Challenge
Vermont Department of Education
120 State Street
Montpelier, Vermont 05620-2501
Phone: 802-828-5892
Email: challis.breithaupt@state.vt.us