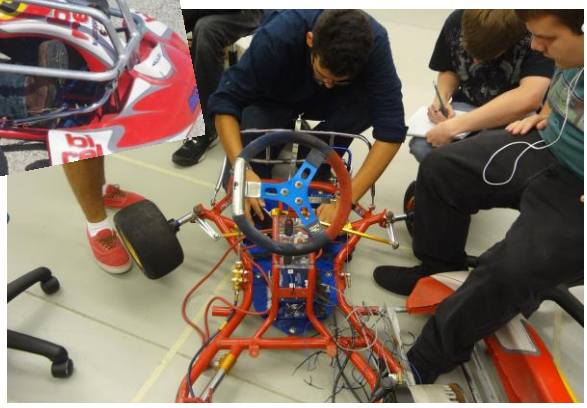

New Tech IDEAS

Students preparing the go-kart for the spring competition season

Creating College and Career Ready Students

Preparing Students for Their Futures

The IDEAS Mission

Invention, **D**esign, **E**ngineering, **A**pplication, **S**ervice: where students are engaged and challenged daily using computers and new technologies. Working independently and in teams, students will complete rigorous, real-world assignments and projects that prepare them for college and the careers of the 21st Century

How we work

Students will work in groups of 3-5 throughout their time in IDEAS. Even though we work in groups, individual work comprises the bulk of grades at IDEAS. To be an effective member of a team, individuals must learn to be responsible for their own work. To be an effective team, individuals must learn to support one another through the problem solving process.

Project Examples

During the freshmen year, students will experience a variety of interesting projects geared to prepare them for a variety of career interests. In BioLit, a DNA counseling project puts students in the position of a genetic counselor. In PhysTrans, students learn flight dynamics in both the aviation fields of flight and rocket propulsion. In GeoIED, students use INVENTOR to learn engineering techniques to design products digitally.

Our Culture

IDEAS strives to give students voice and a supportive, positive environment. Voice is the idea that students can positively advocate for themselves, their peers, and their community. Every other Friday, IDEAS comes together and students "pass their buckets". Based on a business concept and children's book How Full is Your Bucket, For Kids, the ceremony allows students to recognize other community members for being positive influences in their lives. This powerful experience helps create the caring family culture in which we desire to belong.

Our Results

An expressed concern about project-based, group-oriented learning is whether this approach is effective at helping individuals learn the content and skills they need for future success. IDEAS students have tested above state averages for the past 7 years. Our students have gone on to be accepted into and had great success at a number of great colleges: Butler, DePauw, Indiana, MIT, Purdue, Rose-Hulman, Wabash, etc.. Alumni report that learning to use digital resources to conduct research and to solve real-world problems at IDEAS was key to their success in college. Currently, IDEAS is a pilot school for Stanford University, helping to develop College and Career Readiness Assessments.

Bucket recipients from 10.4.14. Students received Buckets for being an excellent team member or being a good friend, creating a great culture!

Project-based learning (PBL) is at the heart of our instructional approach. In PBL, learning is contextual, creative, and shared. Students collaborate on meaningful projects that require critical thinking, creativity, and communication in order for them to answer challenging questions or solve complex problems. By making learning relevant to them in this way, students see a purpose for mastering state-required skills and content concepts.