



RUBRIC: UK ENGINEERING MINDS ON INNOVATION

Live Performance at State Championship
Team Event
ONE TEAM PER SCHOOL ALLOWED TO APPLY

Thinking about problems and finding solutions are part of the engineering world. Engineered products have many applications in real life. Do you have students that can put their MIND ON and be INNOVATIVE?
Have a team create an original idea, products, or processes, which solve a problem. Share this with judges.

First and second place will be recognized at the State Championship Awards.

What the STLP Coordinator/Coach/Teacher should do:

- Share the rubric with students
- Determine which students should apply for this category
- The team may reach out to professionals in the local or global community

What the student should do:

- Review the rubric
- Visit:
 - College of Engineering UK <http://www.engr.uky.edu/>
 - Central Kentucky Inventors Council site: <http://www.ckic.org/links.html>
 - Innovate KY <http://innovateky.com/>
 - Innovation Labs UK <http://p20.education.uky.edu/news/>
 - National Girls Collaborative Project <http://www.ngcproject.org/inde.cfm>
 - KY Girls Collaborative Project <http://www.ngcproject.org/kentucky/>
 - Observe a local issue which needs a solution
 - Develop an idea, product or solution to the local problem

STATE CHAMPIONSHIP	CRITERIA	POINTS EARNED
COPYRIGHT	Intellectual property is respected; Copyright rules are followed Any text or images are school appropriate	0 10
ORIGINALITY, CREATIVITY, INNOVATION	The idea, product or process is creative and innovative;	0 10
EPLANATION	The idea, product, or process is fully explained	1 2 3 4 5 6 7 8 9 10
MARKETING	The team demonstrate entrepreneurial thinking, business and marketing planning	1 2 3 4 5 6 7 8 9 10
PROCESS	The team can discuss the planning and development of the idea, product or process	1 2 3 4 5 6 7 8 9 10
COLLABORATION	The team continued to collaborate with a local or global professional, entrepreneur, inventor	BONUS 5
	TOTAL SCORE OUT OF 50:	