



TIME LINE

2012 - KSTC introduces the Kentucky Science and Innovation Strategy containing GSE as an action item for transformational talent development.

Dec 2012 - Gov.
Beshear holds a press conference to announce GSE.

June 2013 - the first session of GSE is held at Georgetown College. Forty-nine students participated on 12 business teams.

June 2014 - the second session of GSE is held at Georgetown College. Sixty-two students participated on 14 business teams.

June 2015—the third session of GSE is held at Georgetown College. Sixty-five students participated on 16 business teams.

KentuckyGSE.com





GSE is a 3-week residential summer program where creative, free-thinking teens are **empowered** to share and **develop their ideas** for innovative products and services in an exploratory learning environment.

GSE blends Lean LaunchPad methodology for starting an enterprise with general leadership development. While attending GSE, student entrepreneurs learn by doing, through the framework of business model discovery and design-thinking. They have direct quality time with mentors and business owners.







Student entrepreneurs experience life-changing personal growth at GSE. They learn to be confident, to take risks with their ideas, to assess options, to think independently, to embrace diverse thinking, to work collaboratively, and to be open to opportunities.



STUDENTS SAY:

"I learned the basics of starting a business, how to be confident, how to be a good speaker, and how to be amazing."

"Absolutely do not be afraid to come out of your comfort zone."

"Think big and be willing to listen."

"Work with your group so they will work."

"I learned what I want my career to be."

"I learned to build a business you do not need to be a graduate with an important degree. You just need to have determination."

"If I truly believe in myself I can do amazing things."



Making GSE Unique. (in the nation)

GSE is on the forefront of digital badging. "Digital badges are an assessment and credentialing mechanism that is housed and managed online. Badges are designed to make visible and validate learning in both formal and informal settings, and hold the potential to help transform where and how learning is validated." (from the MacArthur Foundation)











GSE makes the connection between out-of-school learning and in-school credit. Students complete over 135 hours of learning at GSE and qualify for a class credit in Entrepreneurship from their high school.

GSE's application process does not consider GPA or test scores. We evaluate the student's creativity, motivation and openness to learn. We look for those who want to roll up their sleeves and create something.





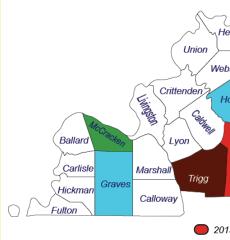
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The Data.

	<u>2013</u>	<u>2014</u>	<u>2015</u>
# applications received	170	149*	187
# students completed	49	62	65
Male	26	29	36
Female	23	33	29
10th grade	10	9	11
11th grade	19	24	26
12th grade	20	29	28
Minority & ethnic diversity	6 (12%)	7 (11%)	16 (24%)
Free & reduced lunch	no data	3	18
# from Urban counties (Jefferson & Fayette)	17	12	16
# from Rural counties	32	50	49
# of SOAR region students	17	9*	16
# of mentors, speakers & field trip host companies	50	54	67

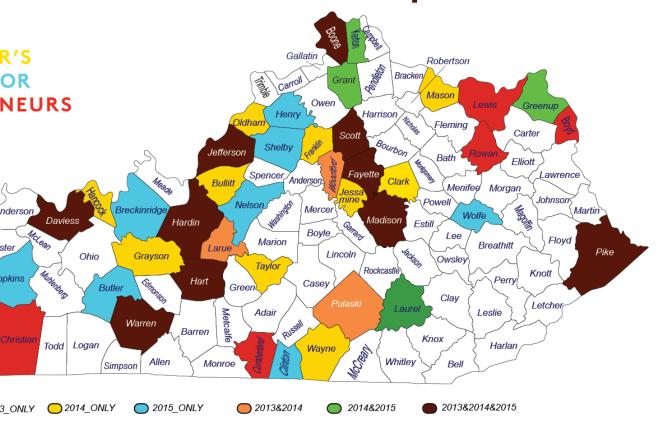
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Alumni Graduation Data:	<u>May 2014</u>	May 2015
# seniors graduating	20	48
# responding to survey	15	30
Average Act	26	29
Average GPA	3.74	3.8
# attending college	15	30
Aggregate value of scholar-		
ships over 4 years	\$457,450	\$1,135,050
# startup businesses	5	4

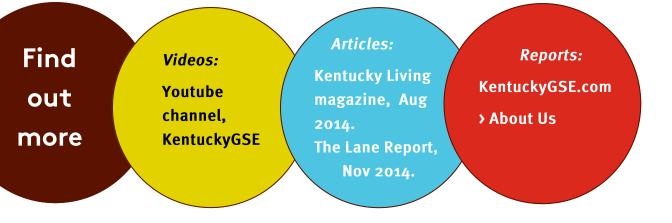




^{*} record number of snow days during application period led to fewer applications received.

Statewide Representation





Why Teaching Entrepreneurship Matters

Small businesses in the U.S. employ about half of the private workforce and are the principal source of net new jobs (Source: Office of Advocacy, sba.gov).

Kentucky's statistics on graduation rates, unemployment rates and small business development rates tell a compelling story:

KY Statistic	Means that	
87.5% high school seniors graduate	12.5% do not graduate and need to find employment.	
Only 55% of high school graduates go on to 2-year or 4-year postsecondary education. (Source: 2012-13 Accountability Report, KY Council on Postsecondary Education)	45% of high school graduates must find a job or create a job after high school. Note: This statistic has increased since 2010, making it critical for young people to consider starting a business in their post-graduation plan.	
Only 54% of all high school seniors meet college and career readiness standards at graduation (Source: 2012-13 Accountability Report, KY Council on Postsecondary Education)	GSE is an experiential program where students apply STEM skills, learn critical thinking and take concrete strides toward being ready for college and career.	
More than 80% in-state college students stay in KY after graduation. (Source: KY Workforce and Education Cabinet report)	Even after college, GSE students will take skills back to businesses in their communities and benefit from a vibrant community of GSE alumni.	
In 2013, KY had the 10 th highest unemployment rate among states; in 2014, KY had the 6 th highest. (Source: KY Center for Economic Policy)	Entrepreneurial skills and the confidence and knowledge base to start companies and create jobs can significantly improve the economic well-being of the next generation.	
97% of all businesses in KY are small businesses employing fewer than 500. These businesses employ half of the workforce in the state (Source: SBA).	Most students will start or work in a small business where innovation, problem-solving and leadership skills are essential.	













The <u>RICE</u> way to eat.











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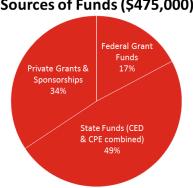
Public-Private Partnership.

Many thanks to our

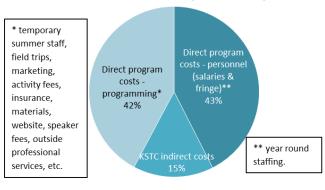
Current and past sponsors: Kentucky Council on Postsecondary Education, Kentucky Cabinet for Economic Development, Appalachian Regional Commission, James Graham Brown Foundation, Toyota Motor Manufacturing, Kentucky, Kentucky Highlands Investment Corporation, Chrysalis Ventures, Halliburton (corporate match), James R. Boyd, Commerce Lexington, Hardscuffle, Inc., Snowy Owl Foundation, Warren Nash, Dale Boden and Ceci Conway Boden, Peter LaRue, Gheens Foundation, JPMorgan Chase, Enterprise Angels.

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GSE2015 Uses of Funds (\$475,000)





CONTACT US:



Executive Director Laurie Curry Daugherty Icdaugherty@kstc.com 859-246-3225 KentuckyGSE.com



