

RURAL STEM EDUCATION CENTER Summer 2015 Schedule at ASU Sites

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All sessions scheduled from 8:30-3:30 or 9:00 to 4:00

Date(s) of Workshop	Name of Workshop	Description	Location
June 3	Science Reinforcement Activities	P-2 teachers will engage in activities that integrate science, math, and literacy.	ED Room 108
June 5	Measurement and Questioning	Grades 3-9 science teachers will participate in lessons that integrate science, math, and engineering.	ED Room 108
June 8	Integrating Science and Literature	Grades K-6 science teachers will engage in strategies that integrate science, engineering, math, and literacy.	ED Room 108
June 12	Understanding Scientific Models	Grades 3-10 science teachers will engage in activities that incorporate models into hands-on/minds-on lessons that integrate science, math, and Common Core writing standards.	ED Room 108
June 15, 16, 29, 30 and July 27-28	Prepare to Teach Essentials of Computer Programing	Workshop will help high school teachers prepare to teach the new course, <i>Essentials of Computer Programming</i> .	June Dates: ED Rm 108 July Dates: ED Rm 107
June 17	Understanding Scientific Patterns	Grades 3-9 science teachers will investigate patterns while engaged in hands-on/minds-on strategies that integrate science and mathematics.	ED Room 108
June 19	To Get To The Other Side: Building Bridges	Grades 1-4 teachers will solve an engineering problem that involves science and engineering practices.	ED Room 108
June 26	STEM on a Budget	Grades 4-7 science teachers will engineer a balloon-powered car and use Newton's Laws to explain the car's action.	ED Room 107
June 26	Improving a Playdough Process	Grades 1-4 teachers will engineer an optimal playdough making process.	ED Room 108
July 7-10 & July 14-17	Integrating Science and Math Using Project Based Learning	Teachers will use engineering practices, project based learning, and science content to solve a variety of engineering problems.	ED Room 108
July 21	Mutant Millets	Workshop will engage life science teachers, grades 7-12, in an authentic science research with mutants and wild-type foxtail millet (<i>Setaria viridis</i>).	ABI Room 107
July 30	Nspiring Mathematics Learning Using Current Technologies	Math teachers (grades 8-12) will learn to use iPads and TI-Nspire to promote math learning in their classrooms.	ED Room 107