



1st, 2nd, and 3rd Grade Engineering Challenge Camp

July 17-July 21, 2017

Hosted by the West Virginia University
Benjamin M. Statler College of Engineering & Mineral Resources
and sponsored in part by
EQT, Halliburton, Eaton Corporation, & the Service League of Morgantown

Monday, July 17, 2017

Time	Activity	Place	Led By
8:30-8:45 a.m.	Registration/Check In	ESB Atrium	Cate Schlobohm
9:00 a.m.	Welcome and Icebreaker	TBD	Counselors
9:30 a.m.	Introduction to Industrial Engineering	TBD	Counselors
10:00 a.m.	<u>Zoologist</u> – Feeding the Animals using engineering (no live animals involved)	TBD	Counselors
11:00 a.m.	Snack/Break/Discussion	TBD	Counselors
11:15 a.m.	TBD	TBD	Counselors
12:30 p.m.	Pick Up	ESB Atrium	Counselors

Tuesday, July 18, 2017

Time	Activity	Place	Led By
8:30-8:45 a.m.	Registration/Check In	ESB Atrium	Cate Schlobohm
9:00 a.m.	Icebreaker	TBD	Counselors
9:30 a.m.	Intro to Biomedical and Chemical Engineering	TBD	Counselors
10:00 a.m.	<u>Artist</u> – TBD	TBD	Counselors
11:00 a.m.	Snacks/Break/Discussion	TBD	Counselors
11:15 a.m.	<u>Doctor</u> – Articulated Hand	TBD	Counselors
12:30 p.m.	Pick Up	ESB Atrium	Counselors

Wednesday, July 19, 2017

Time	Activity	Place	Led By
8:30-8:45 a.m.	Registration/Check In	ESB Atrium	Cate Schlobohm
9:00 a.m.	Icebreaker	TBD	Counselors
9:30 a.m.	Intro to Civil Engineering	TBD	Counselors
10:00 a.m.	<u>Construction Worker</u> – build a stable structure	TBD	Counselors
11:00 a.m.	Snacks/Break/Discussion	TBD	Counselors
11:15 a.m.	<u>DNR Officer</u> – Build safe traps for animals (no live animals involved)	TBD	Counselors
12:30 p.m.	Pick Up	ESB Atrium	Counselors

Thursday, July 20, 2017

Time	Activity	Place	Led By
8:30- 8:45 a.m.	Registration/Check In	ESB Atrium	Cate Schlobohm
9:00 a.m.	Icebreaker	TBD	Counselors
9:30 a.m.	Intro to Electrical and Computer Engineering	TBD	Counselors
10:00 a.m.	<u>Musician</u> – Build a musical instrument and measure dB level	TBD	Counselors
11:00 a.m.	Snacks/Break/Discussion	TBD	Counselors
11:15 a.m.	<u>Electrician</u> – Static electricity experiment and DIY electromagnet	TBD	Counselors
12:30 p.m.	Pick Up	ESB Atrium	Counselors

Friday, July 21, 2017

Time	Activity	Place	Led By
8:30-8:45 a.m.	Registration/Check In	ESB Atrium	Cate Schlobohm
9:00 a.m.	Icebreaker	TBD	Counselors
9:30 a.m.	Intro to Mechanical and Aerospace Engineering	TBD	Counselors
10:00 a.m.	<u>Ship Captain</u> – boat construction	TBD	Counselors
11:00 a.m.	Snacks/Break/Discussion	TBD	Counselors
11:15 a.m.	<u>Racecar Driver</u> – build a car and have a race	TBD	Counselors
12:30 p.m.	Pick Up	ESB Atrium	Counselors



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