



4th and 5th 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
12:30-12:45 p.m.	Registration/Check In	ESB Atrium	Cate Schlobohm
1:00 p.m.	Icebreaker	TBD	Counselors
1:30 p.m.	Intro to Industrial Engineering	TBD	Counselors
2:00 p.m.	TBD	TBD	Counselors
3:00 p.m.	<u>Parcel Delivery</u> – build a marble sorter	TBD	Counselors
4:00 p.m.	<u>Video Game Designer</u> – write explicit instructions to a video game	TBD	Counselors
5:00 p.m.	Pick Up	ESB Atrium	Counselors

Tuesday, July 18, 2017

Time	Activity	Place	Led By
12:30-12:45 p.m.	Registration/Check In	ESB Atrium	Cate Schlobohm
1:00 p.m.	Icebreaker	TBD	Counselors
1:30 p.m.	Intro to Biomedical, Chemical, and Petroleum Natural Gas Engineering	TBD	Counselors
2:00 p.m.	<u>Geologist</u> – Rock Experiments	TBD	Counselors
3:00 p.m.	<u>Chemist</u> – TBD	TBD	Counselors
4:00 p.m.	<u>Doctor</u> – Advanced Articulated Hand	TBD	Counselors
5:00 p.m.	Pick Up	ESB Atrium	Counselors

Wednesday, July 19, 2017

Time	Activity	Place	Led By
12:30-12:45 p.m.	Registration/Check In	ESB Atrium	Cate Schlobohm
1:00 p.m.	Icebreaker	TBD	Counselors
1:30 p.m.	Intro to Civil Engineering	TBD	Counselors
2:00 p.m.	<u>Architect</u> – Geodesic Shape Building	TBD	Counselors
3:00 p.m.	<u>Construction Worker</u> – build a stable structure	TBD	Counselors
4:00 p.m.	<u>Humanitarian</u> - TBD	TBD	Counselors
5:00 p.m.	Pick Up	ESB Atrium	Counselors

Thursday, July 20, 2017

Time	Activity	Place	Led By
12:30-12:45 p.m.	Registration/Check In	ESB Atrium	Cate Schlobohm
1:00 p.m.	Icebreaker	TBD	Counselors
1:30 p.m.	Intro to Electrical and Computer Engineering	TBD	Counselors
2:00 p.m.	<u>Electrician</u> - TBD	TBD	Counselors
3:00 p.m.	<u>Filmmaker</u> – Code a movie/Teach coding	TBD	Counselors
4:00 p.m.	<u>Computer Scientist</u> – Coding with Spheros	TBD	Counselors
5:00 p.m.	Pick Up	ESB Atrium	Counselors

Friday, July 21, 2017

Time	Activity	Place	Led By
12:30-12:45 p.m.	Registration/Check In	ESB Atrium	Cate Schlobohm
1:00 p.m.	Icebreaker	TBD	Counselors
1:30 p.m.	Intro to Mechanical and Aerospace Engineering	TBD	Counselors
2:00 p.m.	<u>Astronaut</u> – build an air pressure rocket	TBD	Counselors
3:00 p.m.	<u>Roller Coaster Designer</u> – build a marble track	TBD	Counselors
4:00 p.m.	<u>Pilot</u> – build a paper airplane that carries a load and flies large distance	TBD	Counselors
5:00 p.m.	Pick Up	ESB Atrium	Counselors

