

Virginia Tech BLAST 2016 Agenda

Day 1 – Wednesday, July 13

1:00 – 2:30	Teacher Chaperone Check-in and Orientation
3:00 – 4:00	Participating Student Arrival and Check-in: Meet Your Teacher Chaperone and Roommate, Icebreaker Activities (teacher led)
4:00 – 5:00	Team Building Exercises (RA led)
5:15 – 6:15	Dinner – D-2 Dining Hall
6:30 – 7:30	Evening Program <i>Torgersen 3100</i> Welcome and Orientation BLAST Team Introductions Pre-program Survey
7:30 – 8:30	Physics is Fun! <i>Torgersen 3100</i>
8:30 – 10:00	Evening Activities with RAs
10:00 – 11:00	Residence Hall Time
11:00pm	Lights Out



Day 2 – Thursday, July 14

7:00 – 8:00am	Breakfast – D-2 Dining Hall				
8:15 – 11:15	STEM Sessions Session 1: Mechatronics: Engine Dissection <i>Randolph 331</i> Session 2: Shake It Up! Earthquake Resistant Structures <i>Patton 215</i> Session 3: Biotech-in-a-Box: Protein Electrophoresis <i>Randolph 117A</i> Session 4: To Infinity and Beyond: The Dynamics and Control of Flight				
	<i>Kentland Farms</i>				
	Apollo	Discovery	Gemini	Voyager	
	Engines <i>Randolph 331</i>	Earthquakes <i>Patton 215</i>	Electrophoresis <i>Randolph 117A</i>	Space <i>Kentland Farms</i>	
11:30 – 12:15	Lunch – D-2 Dining Hall				
12:30 – 1:00	STEM Careers – Claire Childress, Smith Career Center <i>Goodwin 115</i>				
1:15 – 2:00	STEM Tours Tour 1: WARE Lab <i>320 Stanger</i> Tour 2: Newport News Ship Building AOE Undergraduate Lab <i>Goodwin 140</i> Tour 3: DREAMS Lab <i>Goodwin 410/424</i> Tour 4: TREC Lab <i>Goodwin 232</i>				
	1:15 - 1:35	Apollo	Discovery	Gemini	Voyager
		WARE Lab <i>Stanger 320</i>	AOE Lab <i>Goodwin 140</i>	DREAMS Lab <i>Goodwin 410/424</i>	TREC Lab <i>Goodwin 232</i>
1:40 - 2:00	AOE Lab <i>Goodwin 140</i>	WARE Lab <i>320 Stanger</i>	TREC Lab <i>Goodwin 232</i>	DREAMS Lab <i>Goodwin 345</i>	
2:15 – 5:15	STEM Sessions Session 1: Mechatronics: Engine Dissection <i>Randolph 331</i> Session 2: Shake It Up! Earthquake Resistant Structures <i>Patton 215</i> Session 3: Biotech-in-a-Box: Protein Electrophoresis <i>Randolph 117A</i> Session 4: To Infinity and Beyond: The Dynamics and Control of Flight				
	<i>Kentland Farms</i>				
	Apollo	Discovery	Gemini	Voyager	
	Earthquakes <i>Patton 215</i>	Electrophoresis <i>Randolph 117A</i>	Space <i>Kentland Farms</i>	Engines <i>Randolph 331</i>	
5:30 – 6:30	Dinner – D-2 Dining Hall				
6:45 – 7:45	STEM Challenges				
	Apollo	Discovery	Gemini	Voyager	
	Nuclear Popcorn <i>Torgersen 1020</i>		Watercraft Challenge <i>Torgersen 1040</i>		
8:00 – 9:00	Evening Program <i>Torgersen 3100</i> Announcements STEM College Student Panel				
9:00 – 10:00	Evening Activities with RA's				
10:00 – 11:00	Residence Hall Time				
11:00pm	Lights Out				

Day 3 – Friday, July 15

7:00 – 8:00am	Breakfast – D-2 Dining Hall				
8:15 – 11:15	STEM Sessions Session 1: Mechatronics: Engine Dissection <i>Randolph 331</i> Session 2: Shake It Up! Earthquake Resistant Structures <i>Patton 215</i> Session 3: Biotech-in-a-Box: Protein Electrophoresis <i>Randolph 117A</i> Session 4: To Infinity and Beyond: The Dynamics and Control of Flight				
	<i>Kentland Farms</i>				
	Apollo	Discovery	Gemini	Voyager	
	Electrophoresis <i>Randolph 117A</i>	Space <i>Kentland Farms</i>	Engines <i>Randolph 331</i>	Earthquakes <i>Patton 215</i>	
11:30 – 12:15	Lunch – D-2 Dining Hall				
12:30 – 1:00	College Admission Kayla Anders <i>Goodwin 115</i>				
1:15 – 2:00	STEM Tours Tour 1: WARE Lab 320 <i>Stanger</i> Tour 2: Newport News Ship Building AOE Undergraduate Lab <i>Goodwin 140</i> Tour 3: DREAMS Lab <i>Goodwin 410/424</i> Tour 4: TREC Lab <i>Goodwin 232</i>				
	1:15 - 1:35	Apollo	Discovery	Gemini	Voyager
		DREAMS Lab <i>Goodwin 410/424</i>	TREC Lab <i>Goodwin 232</i>	WARE Lab <i>Stanger 320</i>	AOE Lab <i>Goodwin 140</i>
	1:40 - 2:00	TREC Lab <i>Goodwin 232</i>	DREAMS Lab <i>Goodwin 410/424</i>	AOE Lab <i>Goodwin 140</i>	WARE Lab <i>Stanger 320</i>
2:15 – 5:15	STEM Sessions Session 1: Mechatronics: Engine Dissection <i>Randolph 331</i> Session 2: Shake It Up! Earthquake Resistant Structures <i>Patton 215</i> Session 3: Biotech-in-a-Box: Protein Electrophoresis <i>Randolph 117A</i> Session 4: To Infinity and Beyond: The Dynamics and Control of Flight				
	<i>Kentland Farms</i>				
	Apollo	Discovery	Gemini	Voyager	
	Space <i>Kentland Farms</i>	Engines <i>Randolph 331</i>	Earthquakes <i>Patton 215</i>	Electrophoresis <i>Randolph 117A</i>	
5:30 – 6:30	Dinner – D-2 Dining Hall				
6:45 – 7:45	STEM Challenge: Marshmallow Challenge				
	Apollo	Discovery	Gemini	Voyager	
	<i>Torgersen 1020</i>	<i>Torgersen 1040</i>		<i>Torgersen 1020</i>	
8:00 – 9:00	Evening Program <i>Torgersen 3100</i> Guest Speakers: Dean Taylor Recognize Teachers & Participant Certificates Post Program Survey				
9:00 – 10:00	Evening Activities with RA's				
10:00 – 11:00	Residence Hall Time				
11:00pm	Lights Out				

Day 4 – Saturday, July 16

7:00 – 8:15am	Breakfast – D-2 Dining Hall
8:30 – 9:30	Parental Pick-up and Checkout

