



EAST TENNESSEE STATE UNIVERSITY

Governor's School for Scientific Models and Data Analysis



Daily Schedule of Events

Sunday, May 22nd – Friday, June 24th, 2016

Dr. Anant P. Godbole
Director

Ms. Angela T. Haga
Assistant Director

Schedule of Activities-- **Governor's School Calendar for Scientific Models and Data Analysis**

Sunday, May 22nd, through Friday, June 24th, 2016

Thursday, May 19

	All counselors—all day
9:00-11:00am	Counselor's check in at Luntsford Apartments Lydia Carr -Lead counselor; Taylor Davis -Counselor; Jonathan Kraft -Counselor; Christopher Ekwiribe Counselor
1:00-1:30pm	Lunch - Counselors will eat lunch with Angela & Dr. Godbole in Warf-Pickel Hall room 509-C
1:30-3:00pm	Counselors meet with Angela Haga to complete last minute tasks for the Governor's School
4:00-5:00pm	All Counselor's will meet with RA in Luntsford Hall
5:00-6:00pm	Dinner - Counselors responsible for own dinner
6:00-11:00pm	Counselor's will spend this time planning activities for the GS students

Friday, May 20

	All Counselors—all day
8:00-9:00am	Breakfast – Counselor's will get breakfast
9:00-12:00pm	Counselors will spend this time planning activities for the GS students
12:00-1:00pm	Lunch -- Counselors will get lunch
1:00-5:00pm	Counselor's discuss opening day events and prepare for student
5:00-6:00pm	Dinner —counselors will get dinner
6:00-9:00pm	Counselors will spend this time planning activities for the GS students

Saturday, May 21

	All Counselors—all day
8:00-9:00am	Breakfast – Counselors will get breakfast
9:00am-12:00pm	Counselors prepare activities and discuss room assignments
12:00-1:00pm	Lunch -- Counselors will get lunch
1:00-6:00pm	Counselors prepare dorm rooms, room assignments, names on doors, distribute text printed materials, etc.
6:00-7:00pm	Dinner —counselors will get dinner
7:00-10:00pm	Counselor's discuss opening day events and prepare for student arrival

Schedule of Activities-- Governor's School Calendar for Scientific Models and Data Analysis

Sunday, May 22nd, through Friday, June 24th, 2016

Sunday, May 22

	All Counselors—all day
8:00-9:00	Breakfast – Counselors will get breakfast
9:00-10:00	Counselors recheck to make sure that the dorm rooms—room assignments, names on doors, text printed materials, are prepared and delivered
10:00-12:30	Students check-in at Luntsford Hall: Counselors will be on hand to assist students
1:00-2:30	Opening: Meet the Faculty/Staff: Warf-Pickle Hall, Room 315 —students and parents will have an opportunity to meet GS faculty and staff, informal luncheon will be provided (finger sandwiches, fruit tray, vegetable tray, cheese tray, crackers, sweetened/un-sweetened tea, coffee, cookies)
2:30-3:30	Students settle into dorm rooms, get acquainted
3:30-6:30	Group Activities and Governor's School Rule Review
6:30-7:30	Dinner —counselors will get dinner for students (Local Restaurant)
7:30-10:00	Activities with Counselors
10:00	Students must be in dorm
10:30	Lights out for students,
11:00	Residential Staff Meeting to discuss the day's events

Monday, May 23

8:00-9:00	Breakfast – Culp Center Cafeteria (<i>Students & Counselors</i>)
9:00-11:30	Probability and Statistics--Lecture, Gilbreath Hall 305/306 -- (Dr. Nicole Lewis)
11:30-1:00	Lunch --Culp Center Cafeteria (<i>Students & Counselors</i>)
1:00-4:00	General Biology for Majors--Lecture (Symbiosis) Brown Hall 223-- (Dr. Karl Joplin)
4:00-5:00	Students work on projects-homework
5:00-6:00	Dinner —Culp Center Cafeteria (<i>Students & Counselors</i>)
6:00-7:30	Dr. Karl Joplin, Dr. Nicole Lewis and Dr. Anant Godbole will meet with the GS students and counselors to
	discuss the required GS Projects
7:30-10:00	Getting to know the GS counselors/Planned activities
10:00	Students must be in dorm
10:30	Lights out for students,
11:00	Residential Staff Meeting to discuss the day's events

Tuesday, May 24

8:00-9:00	Breakfast – Culp Center Cafeteria (<i>Students & Counselors</i>)
9:00-9:30	Plenary Meeting, Brown Hall 216 (Students, Counselors, Rhoton & Haga)
9:30-11:25	Probability and Statistics--Lecture, Gilbreath Hall 305/306 --(Dr. Nicole Lewis)

PHOTO ID Cards created

11:30am-12:45pm	3 counselors to assist- Lisa Rowland (Director) - DP Culp Center- Office: 439-8314 (rowlandl@etsu.edu) (Lisa Rowland needs a list of students and counselors- names and E numbers 1 week before the students check in.) <i>Katy Beall</i> Coordinator – ID Services & Marketing Phone: (423) 439-8313 Fax: (423) 439-8305 P.O. Box 70611 Johnson City, TN 37614 beall@etsu.edu
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12:45-1:45	Lunch — Culp Center Cafeteria (<i>Students & Counselors</i>)
1:45-4:00	General Biology for Majors--Lecture (Symbiosis) Brown Hall 223 (Dr. Karl Joplin)

"Research in Action: Experimental Design Class"

4:00-5:00pm	Dr. Chih-Che Tai Brown Hall Room 212— "Nature of Science and Science Learning" (Office: 439-7591 Warf-Pickel Hall Room 509F-- CEMSE taic01@etsu.edu)
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5:00-6:00	Dinner – Culp Center Cafeteria (<i>Students & Counselors</i>)
6:15-8:30	Probability and Statistics, General Biology for Majors—Talk About Project Titles – Brown Hall 223

Schedule of Activities-- Governor's School Campus for Scientific Models and Data Analysis

Sunday, May 22nd, through Friday, June 24th, 2016

8:30-10:00	Study Time —Project Groups meet with counselors/and or professors. Homework. Library open until 10:00pm
10:00	Students must be in dorm
10:30	Lights out for students,
11:00	Residential Staff Meeting to discuss the day's events

Wednesday, May 25

8:00-9:00	Breakfast – Culp Center Cafeteria (<i>Students & Counselors</i>)
9:00-11:30	Probability and Statistics--Lecture, Gilbreath Hall 305/306 -- (Dr. Nicole Lewis)
11:30-1:00	Lunch -- Culp Center Cafeteria (<i>Students & Counselors</i>)
1:00-4:00	General Biology for Majors--Lecture (Symbiosis) Brown Hall 223 -- (Dr. Karl Joplin)

"Research in Action: Experimental Design Class"

4:00-5:00pm	"How Do We Look at the Data? Some Collaboration Cases with Researchers in Biology and Medicine" with Dr. Edith Seier in Brown Hall Room #212 (Office: 439-5812 Gilbreath Hall Room 308-B seier@etsu.edu)
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5:00-6:00	Dinner – Culp Center Cafeteria (<i>Students & Counselors</i>)
6:00-10:00	Study Time —Project Groups meet with counselors/and or professors. Homework.
10:00	Students must be in dorm
10:30	Lights out for students
11:00	Residential Staff Meeting to discuss the day's events

Thursday, May 26

8:00-9:00	Breakfast – Culp Center Cafeteria (<i>Students & Counselors</i>)
9:00-11:30	Probability and Statistics--Lecture, Gilbreath Hall 305/306 -- (Dr. Nicole Lewis)
11:30-1:00	Lunch -- Culp Center Cafeteria (<i>Students & Counselors</i>)
1:00-4:00	General Biology for Majors--Lecture (Symbiosis) Brown Hall 223 -- (Dr. Karl Joplin)

"Research in Action: Experimental Design Class"

4:00-5:00pm	"Tardigrades: From Inner Space to Outer Space" with Dr. Diane Nelson in Brown Hall Room #212 (jandnelson@yahoo.com)
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5:00-6:00	Dinner – Culp Center Cafeteria (<i>Students & Counselors</i>)
6:00-8:30	Activities with counselors
8:30-10:00	Study Time —Project Groups meet with counselors/and or professors. Homework.
10:00	Students must be in dorm
10:30	Lights out for students,
11:00	Residential Staff Meeting

Friday, May 27

8:00-9:00	Breakfast – Culp Center Cafeteria (<i>Students & Counselors</i>)
9:00-11:30	Probability and Statistics--Lecture, Gilbreath Hall 305/306 -- (Dr. Nicole Lewis)
11:30-1:00	Lunch --Culp Center Cafeteria (<i>Students & Counselors</i>)
1:00-4:00	General Biology for Majors--Lecture (Symbiosis) Brown Hall 223 (Dr. Karl Joplin)

Campus Arboretum Tour

4:00-5:30pm	"Tour of ETSU Campus Arboretum" with Travis Watson- (watson@etsu.edu Office: 423-439-7759) Arborist Manager
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5:30-6:30	Dinner – Culp Center Cafeteria (<i>Students & Counselors</i>)
6:30-10:00	Study Time —Project Groups meet with counselors/and or professors. Homework.
10:00	Students must be in dorm
10:30	Lights out for students,
11:00	Residential Staff Meeting to discuss the day's events

Saturday, May 28

7:00-8:00	Breakfast – Aramark will not be open for food service (weekend) Counselors will provide breakfast For the students
8:00-8:45	Get ready for Field Trip (Willie Griffin—(423) 930-6951 as driver)

Schedule of Activities-- Governor's School Calendar for Scientific Models and Data Analysis

Sunday, May 22nd, through Friday, June 24th, 2016



Pisgah National Forest

Agenda for Governor's School Visit

The Pisgah National Forest is a land of mile-high peaks, cascading waterfalls, and heavily forested slopes. Comprised of over 500,000 acres, the Pisgah is primarily a hardwood forest with whitewater rivers, waterfalls and hundreds of miles of trails. This national forest is home of the first tract of land purchased under the Weeks Act of 1911 which led to the creation of the national forests in the eastern United States. It is also home of the first school of forestry in the United States, now preserved at the Cradle of Forestry in America historic site, and boasts two of the first designated wilderness areas in the east. The Pisgah, Grandfather and Appalachian Ranger Districts are scattered along the eastern edge of the mountains of western North Carolina and offer visitors a variety of opportunities for outdoor recreation and enjoying the natural beauty of the mountains.

8:15am	Bus leaves Luntsford Hall for Pisgah National Forest (Willie Griffin—423-329-4360 as driver)-- NO FLIP FLOPS OR SANDALS- MAY WEAR TENNIS SHOES OR ANY CLOSED TOE SHOE
	Nature Walk- the history of area fauna and flora
	Lunch on Site at park {sandwiches, various chips, drinks, cookies}
	Jennifer Bauer- Roan Mountain historian and author will be group guide (423-957-1391 or 423-772-4772) highlandlady53@embarqmail.com
4:30pm	Return to ETSU and Luntsford Hall

5:00-6:30	Dinner- Aramark will not be open for food service (weekend) Counselors will provide dinner for students (Local Restaurant)
6:30-10:00	Activities with counselors
10:00	Students must be in dorm
10:30	Lights out for students,
11:00	Residential Staff Meeting

Sunday, May 29

8:00-9:00	Breakfast– Aramark will not be open for food service (weekend) Counselors will provide breakfast for Students'
9:00-2:00	Families are welcome to visit their students, must be back on campus by 9:00 pm, when dorm closes. Family Day
12:00-1:00	Lunch– Aramark will not be open for food service (weekend) Counselors will provide lunch for those students who will be remaining on campus
5:30-6:30	Dinner- Aramark will not be open for food service (weekend) Counselors will provide dinner for students
	From a (Local Restaurant)
	Library is open 2:00-10:00 pm
10:00	Students must be in dorm
10:30	Lights out for students,
11:00	Residential Staff Meeting

Monday, May 30 Memorial Day

8:00-9:00	Breakfast – MEMORIAL DAY HOLIDAY—Aramark will not be open for any food service Counselors will provide breakfast for the students
9:30-11:30	Probability and Statistics--Lecture, Gilbreath Hall 305/306 -- (Dr. Nicole Lewis)
11:30-1:00	Lunch -- MEMORIAL DAY HOLIDAY—Aramark will not be open for any food service PICNIC
1:00-4:00	General Biology for Majors--Lecture (Symbiosis) Brown Hall 223 (Dr. Karl Joplin)
4:00-5:00	Students will work on projects-homework
5:00-6:00	Dinner – MEMORIAL DAY HOLIDAY—Aramark will not be open for any food service (Counselors will provide dinner for students) (Delivery or Local Restaurant)
6:00-10:00	Study Time— Project Groups meet with counselors/and or professors. Homework
10:00	Students must be in dorm
10:30	Lights out for students,
11:00	Residential Staff Meeting

Schedule of Activities-- Governor's School Calendar for Scientific Models and Data Analysis

Sunday, May 22nd, through Friday, June 24th, 2016

Tuesday, May 31

8:00-9:00 Breakfast – Culp Center Cafeteria (*Students & Counselors*)
9:00-11:30 **Probability and Statistics--Lecture, Gilbreath Hall 305/306 -- (Dr. Nicole Lewis)**
11:30-1:00 Lunch --Culp Center Cafeteria (*Students & Counselors*)
1:00-4:00 **General Biology for Majors--Lecture (Symbiosis) Brown Hall 223 -- (Dr. Karl Joplin)**

“Research in Action: Experimental Design Class”

4:00-5:00pm	Dr. Anant Godbole- Warf-Pickel Hall Room 509-A — “Probability GEMS” (Office: 439-7589 DM Brown Hall Room 216 godbole@etsu.edu)
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5:00-6:00 Dinner—Culp Center Cafeteria (*Students & Counselors*)
 6:00-8:30 Planned Activities with Counselors
 8:30-10:00 **Study Time**—Project Groups meet with counselors/and or professors. Homework
 10:00 Students must be in dorm
 10:30 Lights out for students,
 11:00 Residential Staff Meeting

Wednesday, June 1

8:00-9:00 Breakfast – Culp Center Cafeteria (*Students & Counselors*)
9:00-10:25 **Exam 1: MATH Exam in Gilbreath Hall room 306**
 10:25-10:35 Break
10:35-12:00 **Exam 1: BIOLOGY Exam in DB Brown Hall room 216**
12:00-1:00 Lunch --Culp Center Cafeteria (*Students & Counselors*)
1:00-4:00 **General Biology for Majors--Lecture (Symbiosis) Brown Hall 223-- (Dr. Karl Joplin)**
 4:00-5:30 Work on Projects
 5:30-6:30 Dinner—Culp Center Cafeteria (*Students & Counselors*)
 6:30-8:30 Work on Projects / Study Time
 8:30-10:00 Activities with counselors
 10:00 Students must be in dorm
 10:30 Lights out for students
 11:00 Residential Staff Meeting

Thursday, June 2

8:00-9:00 Breakfast – Culp Center Cafeteria (*Students & Counselors*)
9:00-11:30 **Probability and Statistics--Lecture, Gilbreath Hall 305/306 -- (Dr. Nicole Lewis)**
11:30-1:00 Lunch-- Culp Center Cafeteria (*Students & Counselors*)
1:00-4:00 **General Biology for Majors--Lecture (Symbiosis) Brown Hall 223 -- (Dr. Karl Joplin)**

“Research in Action: Experimental Design Class”

4:00-5:00pm	Dr. TJ Jones Brown Hall Room 212— (Office: 439-6930 DM Brown Hall Room 307-- jonestc@etsu.edu)
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5:00-6:00 Dinner—Culp Center Cafeteria (*Students & Counselors*)
 6:00-8:30 Work on Projects
 8:30-10:30 **Open Time**—Activities with counselors
 10:00 Students must be in dorm
 10:30 Lights out for students,
 11:00 Residential Staff Meeting

Friday, June 3

8:00-9:00 Breakfast – Culp Center Cafeteria (*Students & Counselors*)
9:00-11:30 **Probability and Statistics--Lecture, Gilbreath Hall 305/306 -- (Dr. Nicole Lewis)**
11:30-1:00 Lunch-- Culp Center Cafeteria (*Students & Counselors*)
1:00-4:00 **General Biology for Majors--Lecture (Symbiosis) Brown Hall 223 -- (Dr. Karl Joplin)**
4:00-5:00 Work on Projects
5:00-6:00 Dinner—Culp Center Cafeteria (*Students & Counselors*)
 6:00-8:00 **Activities/work on projects with counselors**
 8:00-10:00 **Study Time**—Project Groups meet with counselors/and or professors. Homework

Schedule of Activities-- Governor's School Calendar for Scientific Models and Data Analysis

Sunday, May 22nd, through Friday, June 24th, 2016


10:00 Students must be in dorm
 10:30 Lights out for students,
 11:00 Residential Staff Meeting

Saturday, June 4

8:00-9:00 Breakfast – Aramark will not be open for food service (weekend) Counselors will provide breakfast for students (**Cereals, bagels, pop tarts, breakfast muffins, donuts, energy bars, juices, milk, water**)

9:00-12:00 Open Time (meet with counselors); collect materials for Field Trip

12:45 depart Meet Washington County bus (**Willie Griffin—(423) 930-6951 as driver**) in front of **Luntsford Hall** to leave for Gray Fossil Site and Museum.

	<p>Gray Fossil Site & Natural History Museum</p>	<p>Agenda for Governor's School Visit</p>
<p>"Tennessee's Gray Fossil Site is a 4.5 to 7 million-year-old lake bed formed in a sinkhole. Because the lake would have been a magnet for life, recovered fossils include everything from fish, frogs, and salamanders, to short-faced bears, saber-toothed cats, and rhinos. The site even contains a strange, shovel-tusked elephant whose intruding lower jaw held flat, bladelikey lower tusks used for stripping the bark of trees and tearing up vegetation" The Gray fossil site is located in Washington County near the community of Gray, Tennessee. Tennessee Department of Transportation geologist Larry Bolt first noticed the unusual geology in excavations during re-alignment and widening of State Route 75.</p>		
12:45-1:15pm	<p>Bus leaves Luntsford Hall for Gray Fossil Site & Museum- NO FLIP FLOPS OR SANDALS- MAY WEAR TENNIS SHOES OR ANY CLOSED TOE SHOE.</p>	
1:15-1:20pm	<p>Meet guide in front of Museum Phone: 423-439-3655 <i>Maegan Beale-Executive Coordinator</i> Email: bealem@etsu.edu</p>	
1:30-2:00pm	<p>Tour of Main Exhibit - Two Groups of 15</p>	
2:00-2:30pm	<p>Backstage Tour of Lab and Dig Site- Two Groups of 15</p>	
2:30-3:00pm	<p>Gray Fossil Site Micro-Fossil Picking Activity- Two Groups of 15</p>	
3:00-4:00pm	<p>Lunch on Site- sandwiches, various chips, drinks, cookies.</p>	
4:15pm	<p>Leave Kingsport and return to ETSU campus and Luntsford Hall</p>	

5:00-6:00 Clean-up for Dinner

6:00-7:00 Dinner: Aramark will not be open for food service (weekend) Counselors will get dinner for students (**Local Restaurant**)

7:00-10:00 Free Time for GS students

10:00 Students must be in dorm

10:30 Lights out for students,

11:00 Residential Staff Meeting

Sunday, June 5

8:00-9:00 Breakfast – Aramark will not be open for food service (weekend) Counselors will provide breakfast for students (**Cereals, pop tarts, breakfast muffins, donuts, energy bars, juices, milk, water**)

9:00-10:00am Students prepare to leave with parents or stay on campus with counselors

10:00am-9:00pm **Family Day**, students may go off campus with parents.

12:00-1:00 Lunch— Aramark will not be open for food service (weekend) Counselors will provide lunch for students who will be remaining on campus (**PICNIC- Sandwiches- various, chips, drinks, cookies- students, counselors**)

5:00-6:00 Dinner— Aramark will not be open for food service (weekend) Counselors will get dinner for students (**Local Restaurant**)
 Library is open 2:00-10:00 pm.

6:00-10:00 Free time for GS students

10:00 Students must be in dorm

10:30 Lights out for students,

Schedule of Activities-- Governor's School Calendar for Scientific Models and Data Analysis

Sunday, May 22nd, through Friday, June 24th, 2016

11:00 Residential Staff Meeting

Monday, June 6

8:00-9:00 Breakfast – Culp Center Cafeteria (*Students & Counselors*)
9:00-11:30 **Probability and Statistics--Lecture, Gilbreath Hall 305/306 -- (Dr. Nicole Lewis)**
11:30-1:00 Lunch-- Culp Center Cafeteria (*Students & Counselors*)
1:00-4:00 **General Biology for Majors--Lecture (Symbiosis) Brown Hall 223 -- (Dr. Karl Joplin)**
 4:00-5:00 **Work on Projects**
5:00-6:00 Dinner – Culp Center Cafeteria (*Students & Counselors*)
 6:00-8:30 **Activities with counselors**
 8:30-10:00 **Study Time**—Project Groups meet with counselors/and or professors. Homework
 10:00 Students must be in dorm
 10:30 Lights out for students,
 11:00 Residential Staff Meeting

Tuesday, June 7

8:00-9:00 Breakfast – Culp Center Cafeteria (*Students & Counselors*)
9:00-11:30 **Probability and Statistics--Lecture, Gilbreath Hall 305/306 --(Dr. Nicole Lewis)**
11:30-1:00 Lunch--Culp Center Cafeteria (*Students & Counselors*)
1:00-4:00 **General Biology for Majors--Lecture (Symbiosis) Brown Hall 223 – (Dr. Karl Joplin)**

“PRESENTATION”

4:00-5:00pm	Michael T. McGill, Jr. from “the Honors College” to talk to students regarding recruitment mcgillmt@etsu.edu (423)439-6075
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4:00-5:00 Work on projects/ study time/Activity center
5:00-6:00 **Dinner**--Culp Center Cafeteria (*Students & Counselors*)
 6:00-10:00 **Study Time**—Project Groups meet with counselors/and or professors. Homework
 10:00 Students must be in dorm
 10:30 Lights out for students,
 11:00 Residential Staff Meeting

Wednesday, June 8

8:00-9:00 Breakfast – Culp Center Cafeteria (*Students & Counselors*)
9:00-11:30 **Probability and Statistics--Lecture, Gilbreath Hall 305/306 --(Dr. Nicole Lewis)**
11:30-1:00 Lunch--Culp Center Cafeteria (*Students & Counselors*)
1:00-4:00 **General Biology for Majors--Lecture (Symbiosis) Brown Hall 223 – (Dr. Karl Joplin)**

“Research in Action: Experimental Design Class”

4:00-5:00pm	PLANETARIUM PROGRAM: “Interpreting Starlight” with Dr. Gary Henson in Hutcheson Hall Room 207 (Office: 439-6906 DM Brown Hall Room 272 hensonq@etsu.edu)
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5:00-6:00 **Dinner** – Culp Center Cafeteria (*Students & Counselors*)
 6:00-8:30 Activities with counselors
 8:30-10:00 **Study Time**—Project Groups meet with counselors/and or professors. Homework
 10:00 Students must be in dorm
 10:30 Lights out for students,
 11:00 Residential Staff Meeting

Thursday, June 9

8:00-9:00 Breakfast – Culp Center Cafeteria (*Students & Counselors*)
 9:00 depart Meet Washington County School Bus (**Willie Griffin—(423) 930-6951 as driver**) at **Luntsford Hall** for Field Trip to **Eastman Chemical Company**

Schedule of Activities-- Governor's School Agenda for Scientific Models and Data Analysis

Sunday, May 22nd, through Friday, June 24th, 2016



TN Governor's School AGENDA – Thursday, June 9, 2016

Eastman Contact: Sherry Morelock (423-229-5353) sherryj@eastman.com

Eastman is a global specialty chemical company that produces a broad range of advanced materials, additives and functional products, specialty chemicals, and fibers that are found in products people use every day. As a world leader in the diverse markets it serves, Eastman is focused on delivering innovative and technology-based solutions while maintaining its commitment to safety and sustainability.

8:00-9:00am	Breakfast	Culp Center Cafeteria (Students & Counselors)
9:00 am	Depart Luntsford Hall for Field Trip to Eastman Chemical Company	Meet Washington County School Bus (Driver – Willie Griffin – 423-329-4360)
9:30 am	Students Arrive at B-310	Eastman Employee Center, Rm. 225
9:30-9:45am	Welcome/Eastman Presentation	Tanya Foreman
9:45-10:45am	RCAM Activity	Keith Bowery
10:45-11:45am	Radioactive Golf Ball Activity	Brandon Stevens /Alexandra Kleven
11:45-12:15pm	Lunch	
12:15-1:00pm	Chemistry in the Real World Demos	Josh Cannon
1:00-3:00pm	Water Tower Competition	Engineering Co-Ops
3:00-3:30pm	Water Tower Awards	Engineering Co-Ops
3:30pm	Students depart for ETSU	

Governor School Students

Alexandria M. Brothers	Rachel A. Eccles	Ally S. Manis	Grace A. Robertson
Carmen Ann Canedo	Jacob A. Greene	Carah K. McClurg	Amelia L. Taylor
Cathy M. Charles	Lawford H. Hatcher	Noah B. Mesa	Kacey Y. Tomsovic
Brian N. Chong	Hannah L. Holmberg	Bailey E. Millett	Nilai R. Vemula
Matthew K. Clark	Hannah C. Johns	Diya A. Nijhawan	Lilian G. Wallace
Alyssa G. Coley	Katherine V. King	IdaLynn G. Nix	Maia N. Woodard
Anna M. Cowan	Caitlin H. Lakey	Emily K. Petroni	
Brie Anne Davenport	Keyu Li	Grace A. Roberts	

Counselors

Lydia Carr	Taylor G. Davis	Christmas Ekwuribe	Jonathan Kraft
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ETSU Contact: Angela Haga 423-439-7592 haga@etsu.edu

3:30-4:10	Journey back to ETSU's Luntsford Apartments
4:10-5:00	Work on Projects/study time
5:00-6:00	Dinner – Culp Center Cafeteria (Students & Counselors)
6:00-9:00	Project Groups meet with faculty
9:00-10:00	Study Time —Project Groups meet with counselors/and or professors. Homework
10:00	Students must be in dorm
10:30	Lights out for students,
11:00	Residential Staff Meeting

Friday, June 10

8:00-9:00	Breakfast – Culp Center Cafeteria (Students & Counselors)
9:00-9:30	Open Time
9:30-11:30	Probability and Statistics–Lecture, Gilbreath Hall 305/306 – (Dr. Nicole Lewis)
11:30-12:30	Lunch –Culp Center Cafeteria (Students & Counselors)
1:00-4:00	General Biology for Majors–Lecture (Symbiosis) Brown Hall 223 – (Dr. Karl Joplin)
4:15-4:30	Prepare to leave for field trip to Wetlands Water Park and Historic Jonesborough
4:30pm <i>depart</i>	Meet the Washington County Bus (Willie Griffin—(423) 930-6951 as driver) leaves Luntsford Hall

Wet Lands Water Park & Historic Jonesborough

Agenda for Governor's School Visit

When you enter Historic Jonesborough, Tennessee, you're taking a journey into the past. Jonesborough is a unique 18th century town nestled in the Appalachian Mountains of Northeast Tennessee, Jonesborough's natural beauty, charming architecture, and storytelling heritage have attracted visitors worldwide. Centrally located in Northeast Tennessee among Johnson City, Kingsport and Bristol, there is always something going on. As you walk along Jonesborough's well preserved Main Street, you easily drop back in time to the days of Daniel Boone, Andrew Jackson, David Crockett, John Sevier and the many other historic figures that lived in or around Jonesborough. Learn about the State of Franklin, the first attempt of statehood after the American Revolution; and the *Emancipator*, the first publication in the country solely supporting the abolition of slavery.

4:30pm	Depart ETSU for Wet Lands Water Park
5:00-6:30pm	Wet Lands Water Park
6:40pm	Depart Wet Lands Water Park for Downtown Jonesborough and Music on the Square
7:00 -8:00pm	Dinner on Site in Jonesborough, TN
8:00-10:00pm	Students may shop in varied stores and eat in quaint cafes and restaurants. Some attractions are: Jonesborough/Washington County History Museum, the International Storytelling Center and the Historic Jonesborough Visitors Center. This area is considered the birthplace of country music. There are free concerts down town every Friday night from May through September.
10:00pm	Leave Jonesborough and return to ETSU and Luntsford Hall

10:30 Students must be in dorm- Lights out for students,
 11:00 Residential Staff Meeting

Saturday, June 11

7:00-7:30am **Breakfast – Aramark will not be open for food service (weekend)** Counselors will provide breakfast for students (**Cereals, pop tarts, breakfast muffins, donuts, energy bars, juices, milk, water**) **Willie Griffin—(423) 930-6951 as driver**



SNAP-ON Tools

Agenda for Governor's School Visit

Snap-on Incorporated is a leading global innovator, manufacturer and marketer of tools, equipment, diagnostics, repair information and systems solutions for professional users performing critical tasks. Products and services include hand and power tools, tool storage, diagnostics software, information and management systems, shop equipment and other solutions for vehicle dealerships and repair centers, as well as for customers in industries, including aviation and aerospace, agriculture, construction, government and military, mining, natural resources, power generation and technical education. Snap-on also derives income from various financing programs to facilitate the sales of its products. Products and services are sold through the company's franchisee, company-direct, distributor and internet channels. Founded in 1920, Snap-on is a \$3.1 billion, S&P 500 company headquartered in Kenosha, Wisconsin.

7:45am depart ETSU	Students and counselors meet Washington County School bus driver in front of Luntsford Hall to leave for Snap-On Tools in Elizabethton, TN. -- STUDENTS AND COUNSELORS MUST WEAR CLOSED TOE SHOES FOR THIS TOUR- NO FLIP FLOPS OR SANDALS! NO EXCEPTIONS!
9:00am	Will meet Mr. Jon Carley at Gate #1 From Stateline Road (423-895-0835). Jon.J.Carley@snapon.com Robin K. Pritchard (plant visit coordinator) Robin.K.Pritchard@snapon.com
9:00-9:15am	Welcome and overview of Snap-On Tools
9:15-10:30am	Plant Tour
10:30-10:40am	Break
10:40-11:30am	Questions and answers about Snap-On Tools, Manufacturing, Education, Careers, etc.
11:30am	Depart Snap-On Tools for ETSU
11:45am-12:30pm	Lunch will be served at the park- PICNIC with sandwiches, chips, drinks and cookies

12:30-1:00pm Depart Park heading back to ETSU
 1:00-5:30 Planned activities with counselors
 5:30-6:30 **Dinner— Aramark will not be open for food service (weekend)** Counselors will provide dinner for

Schedule of Activities-- **Governor's School Calendar for Scientific Models and Data Analysis**

Sunday, May 22nd, through Friday, June 24th, 2016

6:30-10:00	student's (Local Restaurant)
10:00	Open Time —Project Groups meet with counselors/others
10:30	Students must be in dorm
11:00	Lights out for students, Residential Staff Meeting

Sunday, June 12

8:00-9:00	Breakfast – Aramark will not be open for food service (weekend) Counselors will provide breakfast for students (Cereals, pop tarts, breakfast muffins, donuts, energy bars, juices, milk, water)
10:00-9:00pm	Family Day , students may go off campus with parents.
11:30-12:30	Lunch— Aramark will not be open for food service (weekend) Counselors will get lunch for students who will be remaining on campus (PICNIC- Sandwiches- various, chips, drinks, cookies- students, counselors)
5:30- 6:30	Dinner— Aramark will not be open for food service (weekend) Counselors will provide dinner for students (Local Restaurant)
	Library is open 2:00-10:00 pm
10:00	Students must be in dorm
10:30	Lights out for students,
11:00	Residential Staff Meeting

Monday, June 13

8:00-9:00	Breakfast – Culp Center Cafeteria (Students & Counselors)
9:00-11:30	Probability and Statistics--Lecture, Gilbreath Hall 305/306 -- (Dr. Nicole Lewis)
11:30-1:00	Lunch-- Culp Center Cafeteria (Students & Counselors)
1:00-4:00	General Biology for Majors--Lecture (Symbiosis) Brown Hall 223 -- (Dr. Karl Joplin)
4:00-4:30	Group Photos—Sherrod Library steps– Jim Sledge (439-4357) sledgej@etsu.edu ETSU Photo-Lab (someone from the photo lab will meet us on the steps of the library)
4:30-5:30	Work on Projects
5:30-6:30	Dinner – Culp Center Cafeteria (Students & Counselors)
6:30-8:30	Group Activities
8:30-10:00	Study Time (Groups should meet to discuss projects. Counselors assigned should meet with the students; faculty may also meet)
	Library will be open until 10:00pm
10:00	Students must be in dorm
10:30	Lights out for students,
11:00	Residential Staff Meeting to discuss the day's event

Tuesday, June 14

8:00-9:00	Breakfast –Culp Center Cafeteria (students, counselors, professors)
9:00-11:30	Probability and Statistics--Lecture, Gilbreath Hall 305/306 -- (Dr. Nicole Lewis)
11:30-12:15	Lunch --Culp Center Cafeteria (Students & Counselors)
12:30-5:00	Counselors and students will meet Dr. Rhoton in front of Luntsford Hall and walk to the Quillen College of Medicine.

Schedule of Activities-- Governor's School for Scientific Models and Data Analysis

Sunday, May 22nd, through Friday, June 24th, 2016



QUILLEN
COLLEGE OF MEDICINE
EAST TENNESSEE STATE UNIVERSITY

Itinerary for Governor's School Visit to Quillen College of Medicine

The primary mission of the Quillen College of Medicine is to educate future physicians, especially those with an interest in primary care, to practice in underserved rural communities. In addition, the College is committed to excellence in biomedical research and is dedicated to the improvement of health care in Northeast Tennessee and the surrounding Appalachian Region. The Quillen College of Medicine has an experienced and qualified faculty in the biological, behavioral, and clinical sciences. In addition to the full-time faculty, a number of practicing physicians in the community participate in the educational process as both part-time and volunteer faculty.

1:00pm	Students arrive at Stanton-Gerber Dr. Robinson will meet and take to small auditorium. STUDENTS & COUNSELORS: NO FLIP FLOPS OR SANDALS- MAY WEAR TENNIS SHOES OR ANY CLOSED TOE SHOE
1:10pm	Welcome- Dr. Robinson Beverly Sherwood (coordinator- 423-439-2031 or sherwood@etsu.edu)
1:15-1:50pm	Tours of Research Labs GROUP A- Dr. Robinson Group B- Dr. Frazier Return to small auditorium
2:00pm	Preparation for Gross and HPS Lab tours Group A- Tour of human gross anatomy lab Group B- Human patient simulator demonstration Return to small auditorium
3:00- 4:30pm	Group A- Human patient simulator demonstration Group B- Tour of human gross anatomy lab
4:30-5:00pm	Return to small auditorium and depart for ETSU

5:30-6:30	Dinner —Culp Center Cafeteria (Students & Counselors)
6:30-8:30	Work on Projects / Study Time
8:30-10:00	Activities with counselors
10:00	Students must be in dorm
10:30	Lights out for students
11:00	Residential Staff Meeting

Wednesday, June 15

7:45-8:30	Breakfast – Culp Center Cafeteria (Students & Counselors)
9:00am <i>depart</i>	Meet Washington County School bus in front of Luntsford Hall (Willie Griffin—(423) 930-6951 as driver) to leave for Field Trip to Aerojet/Rocketdyne



**Aerojet
Rocketdyne**

Itinerary for Governor's School Visit to AEROJET FACILITIES in Jonesborough, TN

AEROJET, a GenCorp Inc. (NYSE: AIG) company, is a major space and defense contractor specializing in missile and space propulsion, and defense and armaments. Since the company was founded in 1942, it has led the way in the development of crucial technology and products that have kept America strong and furthered human's exploration of space.

9:30am	Students arrive at Aerojet Rocketdyne Facility Visitor's Center- Check in at Guardhouse & Pick up badges-- STUDENTS & COUNSELORS: NO FLIP FLOPS OR SANDALS- MAY WEAR TENNIS SHOES OR ANY CLOSED TOE SHOE-- Mary Jane Greene (tour host) MaryJane.Greene@Rocket.com
9:45am	Welcome- Introductions to Staff
10:00am	Presentation about Aerojet/Rocketdyne
10:30am	Facility Tour/Group Activities (Break into 3 groups)
12:00pm	Lunch- Question and Answer Session
1:00pm	Depart Aerojet Rocketdyne Facility

1:45	Arrive back at Luntsford Hall (tentatively)
2:00-5:30	Work on Projects/ study time
5:30-6:30	Dinner - Culp Center Cafeteria (Students & Counselors)

Schedule of Activities-- Governor's School Calendar for Scientific Models and Data Analysis

Sunday, May 22nd, through Friday, June 24th, 2016

6:30-8:30	Project Group Work Brown Hall 223
8:30-10:00	Study Time —Project Groups meet with counselors. Homework
10:00	Students must be in dorm
10:30	Lights out for students,
11:00	Residential Staff Meeting

Thursday, June 16



8:00-9:00	Breakfast – Culp Center Cafeteria (<i>Students & Counselors</i>)
9:00-10:25	Exam 2: MATH Exam in Gilbreath Hall room 306
10:25-10:35	Break
10:35-12:00	Exam 2: BIOLOGY Exam in DM Brown Hall room 216
12:00-1:00	Lunch --Culp Center Cafeteria (<i>Students & Counselors</i>)
1:00-4:00	General Biology for Majors--Lecture (Symbiosis) Brown Hall 223-- (Dr. Karl Joplin)
4:00-5:00	Work on Projects /Study Time
5:00-6:00	Dinner --Culp Center Cafeteria (<i>Students & Counselors</i>)
6:00-10:00	Study Time —Project Groups meet with counselors/and or professors. Homework
10:00	Students must be in dorm
10:30	Lights out for students,
11:00	Residential Staff Meeting

Friday, June 17

8:00-9:00	Breakfast – Culp Center Cafeteria (<i>Students & Counselors</i>)
9:00-11:30	Probability and Statistics--Lecture, Gilbreath Hall 305/306 -- (Dr. Nicole Lewis)
11:30-1:00	Lunch -- Culp Center Cafeteria (<i>Students & Counselors</i>)
1:00-4:00	General Biology for Majors--Lecture (Symbiosis) Brown Hall 223 -- (Dr. Karl Joplin)
4:00-5:00	Work on Projects /Study Time
5:00-6:00	Dinner – Culp Center Cafeteria (<i>Students & Counselors</i>)
6:00-8:30	Project Group Work, Brown Hall 223
8:30-10:00	Study Time —Project Groups meet with counselors/and or professors. Homework
10:00	Students must be in dorm
10:30	Lights out for students,
11:00	Residential Staff Meeting


Saturday, June 18

8:00-9:00	Breakfast – Aramark will not be open for food service (weekend) Counselors will provide breakfast for Student's (Cereals, pop tarts, breakfast muffins, donuts, energy bars, juices, milk, water)
9:30am depart	Meet Washington County Bus (Willie Griffin—(423) 930-6951 as driver) at Luntsford Hall to leave for Bays Mountain Park and Planetarium, Kingsport, TN

		<p>Agenda for Governor's School Visit</p>
<p>Bays Mountain Park, located in beautiful Kingsport, Tennessee, is a 3,550-acre nature preserve and the largest city-owned park in the state of Tennessee. Offering a variety of features, visitors to Bays Mountain Park can enjoy a picturesque 44-acre lake, a Nature Center with a state-of-the-art Planetarium Theater, Animal Habitats featuring wolves, bobcats, raptors and reptiles, and an Adventure Ropes Course complete with a 300-ft. zip line. Outdoor enthusiasts can take advantage of the park's 38 miles of trails for hiking, running, sight-seeing, exploration and mountain biking.</p>		
9:30am	Bus leaves Luntsford Hall for Bays Mountain Park & Planetarium-- STUDENTS & COUNSELORS: NO FLIP FLOPS OR SANDALS- MAY WEAR TENNIS SHOES OR ANY CLOSED TOE SHOE	
10:00-10:45am	Wolves Habitat	
11:00-11:45am	Raptors Habitat	
11:45-12:30pm	Lunch on Site (Sandwiches, various chips, drinks, cookies)	
12:30-1:30pm	Barge Ride	
1:30- 2:00pm	Nature Center Exhibits	
2:00-2:30pm	Planetarium	

Schedule of Activities-- Governor's School Calendar for Scientific Models and Data Analysis

Sunday, May 22nd, through Friday, June 24th, 2016

2:30-3:00pm	Snake Habitat
3:15-4:00pm	Lake macro Invertebrates
	BOB CULLER - Senior Naturalist will be group guide (423-224-2437) bobculler@kingsporttn.gov
4:10pm	Leave Kingsport
<div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <p style="font-size: 1.2em; color: blue; text-align: center;">The Carter Family Memorial Music Center</p> <p style="text-align: center;">Agenda for Governor's School Visit</p> </div> </div>	
<p>The Carter Family Memorial Music Center, a non-profit organization, serves fans and supporters of old-time country and folk music through the presentation of weekly performances at the Carter Family Fold, in Hiltons, Virginia. It also honors the memory of the first family of country music, the legendary Carter Family (A.P. Carter, Sara Carter, and Maybelle Carter), whose first recordings (in 1927) are credited with giving birth to the commercial country music industry.</p>	
5:00-6:00pm	Dinner at a Local Restaurant
6:00pm	Depart for the Carter Family Fold
6:45pm	Arrive at Carter Family Fold
	Contact: Rita Forrester, Director of the Carter Fold (423-292-6755) or Susie (276-645-0035) http://www.carterfamilyfold.org
	\$10.00 per person x 35 persons = \$350.00 {Have check ready for lead counselor to take to the Carter Fold}. If you want to tour the Museum or the Cabin you will have to leave a donation.
7:00-10:00pm	Musical Show and Tour of Gift Shops
10:10pm	Leave Hilton's, VA and return to ETSU campus and Luntsford Hall

- 10:00 Students must be in dorm
- 10:30 Lights out for students
- 11:00 Residential Staff Meeting

Sunday, June 19

- 8:00-9:00** **Breakfast – Aramark will not be open for food service (weekend)** Counselors will provide breakfast for students (**Cereals, pop tarts, breakfast muffins, donuts, energy bars, juices, milk, water**)
- 10:00-9:00pm **Family Day**, students may go off campus with parents.
- 12:00-1:00** **Lunch— Aramark will not be open for food service (weekend)** Counselors will provide lunch for students who will be remaining on campus (**PICNIC- Sandwiches- various, chips, drinks, water, cookies- students, counselors**)
- 1:00-5:30pm- 5:30- 6:30** Students who are remaining on campus can study or participate in activities with the counselors.
Dinner— Aramark will not be open for food service (weekend) Counselors will provide dinner for students (**Local Restaurant**)
- 6:30-10:00 Library is open from 2:00-10:00 pm/ Groups should meet to discuss projects.
- 10:00 Students must be in dorm
- 10:30 Lights out for students,
- 11:00 Residential Staff Meeting

Monday, June 20

- 8:00-9:00** **Breakfast – Culp Center Cafeteria (Students & Counselors)**
- 9:00-11:30** **Probability and Statistics--Lecture, Gilbreath Hall 305/306 -- (Dr. Nicole Lewis)**
- 11:30-1:00** **Lunch-- Culp Center Cafeteria (Students & Counselors)**
- 1:00-4:00** **General Biology for Majors--Lecture (Symbiosis) Brown Hall 223 -- (Dr. Karl Joplin)**
- 4:00-5:00 Work on Projects /Study Time
- 5:00-6:00 **Dinner – Culp Center Cafeteria (Students & Counselors)**
- 6:00-8:30 Project Group Work, Brown Hall 223
- 8:30-10:00 **Study Time—**Project Groups meet with counselors/and or professors. Homework
- 10:00 Students must be in dorm
- 10:30 Lights out for students,
- 11:00 Residential Staff Meeting

Schedule of Activities-- Governor's School Calendar for Scientific Models and Data Analysis
 Sunday, May 22nd, through Friday, June 24th, 2016

Tuesday, June 21

8:00-9:00	Breakfast – Culp Center Cafeteria (<i>Students & Counselors</i>)
9:00-11:30	Probability and Statistics--Lecture, Gilbreath Hall 305/306 -- (Dr. Nicole Lewis)
11:30-1:00	Lunch-- Culp Center Cafeteria (<i>Students & Counselors</i>)
1:00-4:00	General Biology for Majors--Lecture (Symbiosis) Brown Hall 223 -- (Dr. Karl Joplin)
4:00-5:30	Work on Projects/study time
5:30-6:30	Dinner –Culp Center Cafeteria (<i>Students & Counselors</i>)
6:30-8:30	Project Groups meet with faculty
8:30-10:00	Open Time —Library is open until 10:00pm
10:00	Students must be in dorm
10:30	Lights out for students,
11:00	Residential Staff Meeting

Wednesday, June 22

8:00-9:00	Breakfast – Culp Center Cafeteria (<i>Students & Counselors</i>)
9:00-11:30	Probability and Statistics--Lecture, Gilbreath Hall 305/306 -- (Dr. Nicole Lewis)
11:30-1:00	Lunch-- Culp Center Cafeteria (<i>Students & Counselors</i>)
1:00-4:00	General Biology for Majors--Lecture (Symbiosis) Brown Hall 223 -- (Dr. Karl Joplin)
4:00-5:30	Group Work with Faculty
5:30-6:30	Dinner – Culp Center Cafeteria (<i>Students & Counselors</i>)
6:30-9:00	Finishing Touches on Projects
9:00-10:00	Study Time —Project Groups meet with counselors/and or professors. Homework
10:00	Students must be in dorm
10:30	Lights out for students,
11:00	Residential Staff Meeting

Thursday, June 23

8:00-9:00	Breakfast – Culp Center Cafeteria (<i>Students & Counselors</i>)
9:00-11:30	Probability and Statistics--Lecture, Gilbreath Hall 305/306 -- (Dr. Nicole Lewis)
11:30-1:00	Lunch-- Culp Center Cafeteria (<i>Students & Counselors</i>)
1:00-4:00	General Biology for Majors--Lecture (Symbiosis) Brown Hall 223 -- (Dr. Karl Joplin)
4:00-5:30	Group Work with Faculty (Projects, posters, power-point presentations)
5:30-6:30	Dinner – Culp Center Cafeteria (<i>Students & Counselors</i>)
6:30-9:00	Finishing Touches on Projects
9:00-10:00	Study Time —Project Groups meet with counselors/and or professors. Homework
10:00	Students must be in dorm
10:30	Lights out for students
11:00	Residential Staff Meeting

Friday, June 24

8:00-9:00	Breakfast – Culp Center Cafeteria (<i>Students & Counselors</i>)
9:00-9:30	Student preparation for presentation of projects to professors, parents, peers

Agenda for Governor's School Seminar Presentations and Closing Luncheon	
9:30-11:30am	Seminar---Power-Point Presentation, Site: Warf-Pickel Hall #315- contact Deidra Lawson Close to reserve Room 315 (439-6891) after March 17th, 2016
12:00-1:30pm	Closing Luncheon and Award Presentation, Site: Centre at Millennium Park (Ballroom 237-A) adjacent to the Carnegie Hotel-contact Summer Renner at the Centre at Millennium Park to reserve the ballroom (423-232-2001). Taylor.Kyte@millctr.com

1:30-3:00	Students move out of the dorm. Counselors will be on hand to assist. Each student is responsible for the cleaning out of their room, including trash detail. If students have damaged their rooms in any way they (their parents) will be responsible for the renovations.
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Schedule of Activities-- **Governor's School Calendar for Scientific Models and Data Analysis**

Sunday, May 22nd, through Friday, June 24th, 2016

While every effort has been made to make this schedule as complete and accurate as possible, adjustments might have to *be made* during the course of the five-week program. Two copies are included, one for your parents or guardian to keep and one to bring with you to ETSU.

ADDITIONAL COPIES WILL NOT BE DISTRIBUTED.

"Open Time" *periods are for homework, research and free time. Your first priority should be academic. When homework and research are complete, you might want to do laundry, go to the Center of Physical Activity, hike, or just lounge around your dorm. Residential counselors will be at the dorm to help you or to check you in and out of the dorm. Counselors may also have group activities planned during this time.*

"Family Day" *Most Sundays have been set aside for families to visit students. Students will be allowed to leave campus with their parents or legal guardian. Students may leave with another adult if we have written permission from the parent or legal guardian which specifies day and name of the adult. Provision for meals and activities will be made for students remaining on campus.*