

Tentative Itinerary
Exploring the Earth Summer Camp
June 17-21, 2019

Monday (June 17th):

- **Morning (10-11:30) - Introductions**
 - Campus walking tour & short activity to introduce the rock cycle.
- **Afternoon (1-3:30)- Rocky Branch Creek Data Collection**
 - Scientific Method & Team Activities
 - Discharge calculations - Measure water quality & atmospheric parameters
 - Questions for WRAL and undergraduate panel

Tuesday (June 18th):

- **Morning (10-11) - Weather Balloon Launch**
 - Introduction to weather soundings
 - Balloon launch from roof
- **After lunch (12-1) - WRAL Visit**
 - “Behind the scenes” of television weather forecasting
- **Afternoon (1-3:30)- Balloon Data Activity**
 - Consider our weather balloon data
 - How do balloon data help us forecast the weather?
 - Questions regarding college acceptance/degree programs

Wednesday (June 19th):

- **Morning (9:30-11:30) – Umstead Park**
 - Team activities:
 - Discharge calculations - Measure water quality & atmospheric parameters
 - Compare data from each stream
- **Afternoon (1:30-3:30)**
 - Food web dynamics
 - Lionfish Dissection

Thursday (June 20th):

- **Morning (9:30-11:30) - NCSU Aquaculture Facility**
 - Undergraduate Panel
 - Aquaculture facility trip
- **Afternoon (1:30-3:30)**
 - Data synthesis/mural/poster work
 - Career spotlight: Randy Bechel - NC Geological Survey

Friday (June 21th):

- **Morning (9:30-11:30)**
 - Geologic time activity
 - Free expression tunnel mural painting
- **Afternoon (1:30-3:30)**
 - Data synthesis/mural/poster work
 - Digital poster presentation (open to public)