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| **August 19 Schedule (Day 1):**

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| 8:30-8:40 |  Welcome!* Schedule for the day
 |
| 8:40-9:30 |  Introduction to GLOBE Weather* Curriculum Scavenger Hunt
* Inquiry & the 5E Model
* Misconceptions & why teaching about weather is challenging
 |
| 9:30-10:00 | Anchor Phenomenon* Working models, inquiry questioning, coaching strategies
 |
| 10:00-10:10 | Break |
| 10;10-10:30 | The Driving Question Board |
| 10:30-11:10 | Learning Sequence 1 Topics & Progression (Lessons 2-3)* Isolated storms, temperature & cloud formation
 |
| 11;10-11;55 | Activities Exploration (Lessons 2-3) |
| 11;55-12:55 | Lunch Break  |
| 12:55-1:40 | GLOBE protocols (outside)* Cloud observations, Surface temperature measurements
 |
| 1;40-2;10 | Sensemaking (Lessons 2-3)* Make & revise a model, Model Idea Tracker, assessment, the Driving Question Board, misconceptions & challenges
 |
| 2:10-2:20 | Break |
| 2:20-2:50 | Learning Sequence 1 Topics & Progression (Lessons 4-6)* Sunny Day vs Stormy Day, why does warm air rise, conditions for a storm
 |
| 2:50-3:20 |  Activities Exploration (Lessons 4-6) |
| 3:20-3::30 |  Wrap Up* Take your temperature
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| **August 20 Schedule (Day 2):**

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| 8:30-8:45 |  Orient for the day* Revisit questions from the day before
 |
| 8:45-9:45 |  Sensemaking (Lessons 4-6)* Consensus model, Model Idea Tracker, assessment, the Driving Question Board, misconceptions & challenges
 |
| 9:45-10:15 |  GLOBE protocols (outside)* Barometric pressure, humidity
 |
| 10:15-10:25 | Break |
| 10:25-10:35 |  Revisit the Anchor Phenomenon |
| 10:35-11:00 |  Learning Sequence 2 Topics & Progression (Lessons 7-9) * Storm fronts, air masses, wind speed, air pressure
 |
| 11;00-12:00 | Activities Exploration (Lessons 7-9)* Density Tank demonstration
 |
| 12:00-1:00 | Lunch Break  |
| 1:00-1:40 | Sensemaking (Lessons 7-9)* Consensus model, Model Idea Tracker, assessment, the Driving Question Board, misconceptions & challenges
 |
| 1:40-1:50 | Break |
| 1:50-2:40 | Concluding Learning Sequence 2 (Lessons 10-11)* Pressure demo, wrapping up the Colorado storm investigation, the Driving Question Board, misconceptions & challenges
 |
| 2:40-2:50 | Break |
| 2:50-3:20 |  Learning Sequence 3 Topics & Progression (Lessons 12-14)* Global weather patterns, temperature & latitude, the Coriolis effect
 |
| 3:20-3:30 |  Wrap Up* Snowball
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| **August 21 Schedule (Day 3):**

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| 8:30-8:40 |  Housekeeping* Paperwork for stipends
 |
| 8:40-8:50 |  Orient for the day* Revisit questions from the day before
 |
| 8:50-:9:50 |  Activities Exploration (Lessons 13-14) |
| 9:50-10:00 | Break |
| 10:00-11:30 |  Sensemaking* Consensus model, Coriolis activity, explaining storm movement in the tropics, Model Idea Tracker, extensions/connections
 |
| 11;30-12:30 | Lunch Break  |
| 12:30-12:50 | Culminating task: Challenge 1* A winter storm
 |
| 12:50-1:20 | Culminating task: Challenge 2 & 3* Where will there be a snow day?
 |
| 1:20-1:30 | Wrap up GLOBE Weather Curriculum |
| 1:30-1:40 | Break |
| 1:40-2;20 | GLOBE Connections* Planning an activity using GLOBE
 |
| 2:20-2:30 | Assessments in GLOBE Weather |
| 2:30-2:50 | The GLOBE Weather website |
| 2:50-3:00 |  Wrap Up* Evaluations
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