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

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| 9:00 | Welcome!* Introductions and Schedule for the day
 |
| 9:10 | Introduction to GLOBE Weather* Curriculum Scavenger Hunt
* Inquiry & the 5E Model
* Misconceptions & why teaching about weather is challenging
 |
| 10:00 | Anchor Phenomenon* Working models, inquiry questioning, coaching strategies
 |
| 10:30 | Break |
| 10:40 | The Driving Question Board |
| 11:00 | Learning Sequence 1 Topics & Progression (Lessons 2-3)* Isolated storms, temperature & cloud formation
 |
| 11:20 | GLOBE protocols (outside)* Cloud observations, Surface temperature measurements
 |
| 12:00 | Lunch Break  |
| 12:55 | Activities Exploration (Lessons 2-3) |
| 1:40 | Sensemaking (Lessons 2-3)* Make & revise a model, Model Idea Tracker, assessment, the Driving Question Board, misconceptions & challenges
 |
| 2:10 | Break |
| 2:20 | Learning Sequence 1 Topics & Progression (Lessons 4-6)* Sunny Day vs Stormy Day, why does warm air rise, conditions for a storm
 |
| 2:40 | Activities Exploration (Lessons 4-6) |
| 3:15 | Sensemaking (Lessons 4-6)* Consensus model, Model Idea Tracker, assessment, the Driving Question Board, misconceptions & challenges
 |
| **4:15-4:30** | Wrap Up* Take your temperature & Day 1 evaluation
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| **August 20 Schedule (Day 2):**

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| 9:00 | Orient for the day* Revisit questions from the day before
 |
| 9:10 | Revisit the Anchor PhenomenonLearning Sequence 2 Topics & Progression (Lessons 7-9) * Storm fronts, air masses, wind speed, air pressure
 |
| 9:35 | Activities Exploration (Lessons 7-9)* Density Tank demonstration
 |
| 10:20 | Break |
| 10:30 | Sensemaking (Lessons 7-9)* Consensus model, Model Idea Tracker, assessment, the Driving Question Board, misconceptions & challenges
 |
| 11:10 | Concluding Learning Sequence 2 (Lessons 10-11)* Pressure demo, wrapping up the Colorado storm investigation, the Driving Question Board, misconceptions & challenges
 |
| 12:00 | Lunch Break  |
| 1:00 | Learning Sequence 3 Topics & Progression (Lessons 12-14)* Global weather patterns, temperature & latitude, the Coriolis effect
 |
| 1:30 | Activities Exploration (Lessons 13-14) |
| 2:30 | Break |
| 2:40 | Sensemaking (outside for about 50 minutes)* Consensus model, Coriolis activity, explaining storm movement in the tropics, Model Idea Tracker, extensions/connections
 |
| **4:00-4:30** | Wrap Up* Snowball, Q&A with Angie, Day 2 evaluation
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| **August 21 Schedule (Day 3):**

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| 9:00 | Housekeeping* Paperwork for stipends

Orient for the day* Revisit questions from the day before
 |
| 9:20 | Visit Weather Station (outside) |
| 9:50 | Culminating task: Challenge 1* A winter storm
 |
| 10:20 | Culminating task: Challenge 2 & 3* Where will there be a snow day?
 |
| 10:50 | Break |
| 11:00 | Assessments in GLOBE Weather |
| 11:15 | The GLOBE Weather website |
| 11:30 | GLOBE Connections* Planning a GLOBE activity
 |
| **12:00-12:30** | Wrap Up* Evaluations
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