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| **March 6th Schedule (Day 1):**   |  |  | | --- | --- | | 8:30-8:45 | Welcome!   * Introductions | | 8:45-9:15 | Warm up   * Misconceptions & why teaching about weather is challenging | | 9:15-10:05 | Anchor Phenomenon   * Working models, productive talk, The Driving Question Board | | 10:05-10:15 | Break | | 10:15-11:20 | Orientation to GLOBE Weather   * Inquiry & the 5E Model, curriculum scavenger hunt, navigating the GLOBE Weather website | | 11:20-11:55 | Learning Sequence 1 Topics & Progression   * Cloud formation, temperature, humidity, & isolated storms | | 11:55-12:55 | Lunch | | 12:55-1:40 | Activities Exploration (Learning Sequence 1) | | 1:40-3:10 | GLOBE protocols (outside)   * Cloud observations, surface temperature measurements, and next steps as a GLOBE teacher | | 3:10-3:20 | Break | | 3:20-3:55 | Sensemaking (Learning Sequence 1)   * Make & revise a model, Model Idea Tracker, & the DQB | | 3:55-4:00 | Wrap Up   * Take your temperature | |

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| **March 7th (Day 2):**   |  |  | | --- | --- | | 8:30-8:45 | Welcome!   * Looking back & revisit the anchor phenomenon | | 8:45-9:15 | Learning Sequence 2 Topics & Progression   * Weather forecasts, storm fronts, air masses, & wind speed | | 9:15-10:10 | Activities Exploration (Learning Sequence 2) | | 10:10-10:20 | Break | | 10:20-11:00 | Sensemaking (Lessons 7-9)   * Consensus model, gallery walk, how a storm front moves | | 11:00-11:50 | Concluding Learning Sequence 2 (Lessons 10-11)   * Pressure demo, wrapping up the Colorado storm investigation, Model Idea Tracker, & the DQB | | 11:50-12:35 | Lunch | | 12:35-12:55 | Learning Sequence 3 Topics & Progression   * Global weather patterns, why it’s hotter at the equator, and temperature & latitude | | 12:55-1:30 | Activities Exploration (Learning Sequence 3) | | 1;30-2:30 | Sensemaking   * Consensus model, Coriolis activity, explaining storm movement in the tropics, Model Idea Tracker, & the DQB | | 2:30-2:40 | Break | | 2:40-3:15 | Culminating task: Challenge 1-3   * A winter storm * Where will there be a snow day? | | 3:15-3:40 | Assessments in GLOBE Weather   * Elements of a NGSS assessment | | 3:40-4:00 | Wrap Up   * Reflecting, revisit goals * Paperwork for stipends & evaluations | |