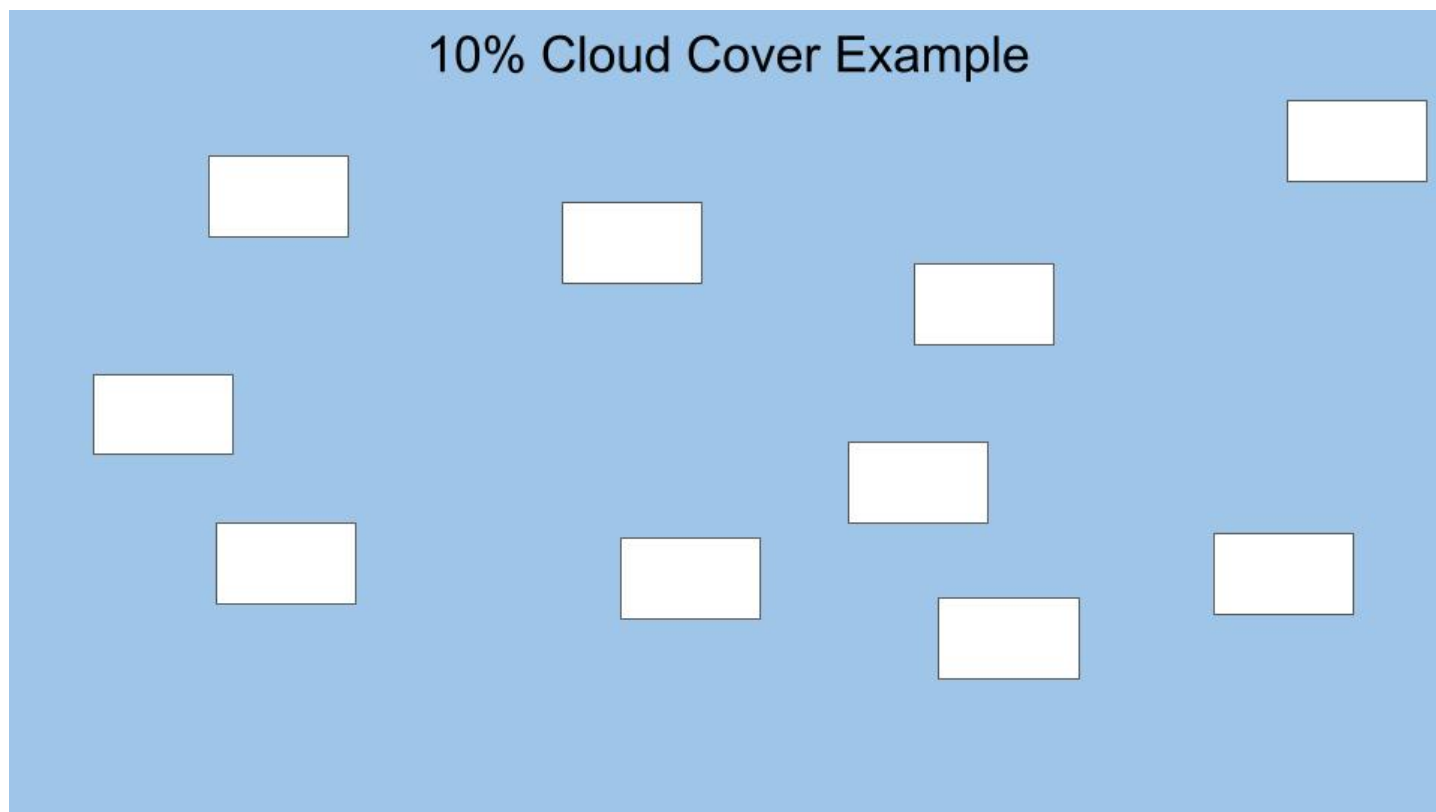

My NASA Data - Interactive Models

Modeling Cloud Cover



These slides are made to be used in **edit** mode so that items can be dragged and dropped. Do NOT use presentation mode.

Follow the directions on each slide.



THE GLOBE PROGRAM

This lesson was modified from the in-person GLOBE Learning Activity: [Estimating Cloud Cover: A Simulation](#). See the original lesson for more ideas.

Teachers who are interested in receiving the answer key, please complete the [Teacher Key Request and Verification Form](#). We verify that requestors are teachers prior to sending access to the answer keys as we've had many students try to pass as teachers to gain access.

Grade Band

- 3-5
- 6-8
- 9-12

Supported NGSS Performance Expectations

- [3-ESS2-1: Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season.](#)
- [MS-ESS2-4: Develop a model to describe the cycling of water through Earth's systems driven by energy from the Sun and the force of gravity.](#)

Related Resources

- [GLOBE Lesson: Estimating Cloud Cover: A Simulation](#)
- [GLOBE Atmosphere Cloud Cover Estimation](#)