



A Learning Activity for
What in the World Is Happening
With Our Climate?

“What in the World is Happening with Our Climate”

Kit Materials List

[packed in a heavy-duty plastic container for easy storage]

- ☐ 1 - Set Interlocking square plastic cubes (Duplo®, Unifix® or Snap Cubes®)
- ☐ 2 - Wood block cube holders with weather category labels
- ☐ 1 - Thermometer to measure air temperature
- ☐ 8 - Rulers
- ☐ 8 - Clear plastic shoeboxes
- ☐ 1 - Clear plastic box (36"x17") for the class - Use kit storage box
- ☐ 2 - Large (3 lb) containers play dough*
- ☐ 2 - Package (4 lbs) sand*
- ☐ 1 - Package (4 lbs) pebbles*
- ☐ 2 - Sets of model houses (enough to be shared by 8 groups)
- ☐ 8 - Plastic cups for measuring
- ☐ 8 - Pieces of cardboard
- ☐ 1 - Blue food coloring*
- ☐ 1 - Permanent marker
- ☐ 8 - Boxes of large paper clips for non-standard measurement task
- ☐ 1 - Whisk broom and dustpan for easy clean-up
- ☐ 1 - Blackline master folder with all lessons and student sheets**

* Consumable materials/need periodic replacement

** Teacher makes copies as needed (1/student or pair)

Teacher Supplied:

- ☐ Set of photos of different types of [coastal areas](#)
- ☐ Chart paper
- ☐ Colored pencils (1 pack/group)
- ☐ Scissors (1 pair/group)
- ☐ Camera
- ☐ Model-making materials such as Legos®, construction paper, wire, popsicle sticks, toothpicks, paper umbrellas, buttons, colored felt, pipe cleaners, and cardboard)
- ☐ Markers
- ☐ Water
- ☐ Construction paper (11x14; 8x11): Adaptation for younger students
- ☐ Magazines
- ☐ Pennies
- ☐ Sets of three objects that roll, slide, or both

Storybooks:

- ☐ Digital version is available free online at: <http://www.globe.gov/web/elementary-globe>
or for purchase through Amazon at: <https://scied.ucar.edu/elementary-globe-books#where>

