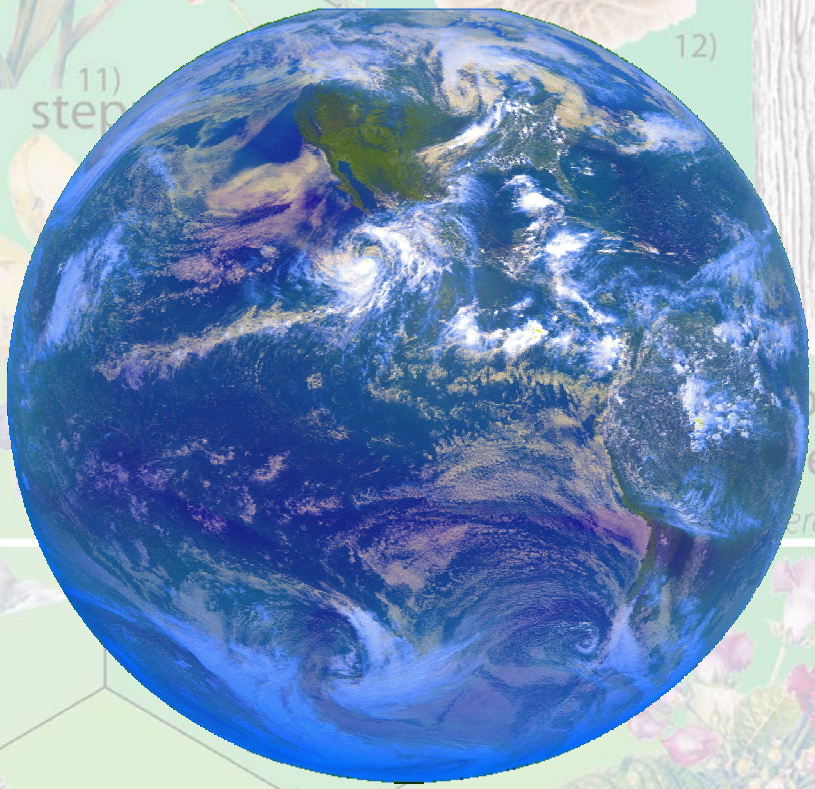
Section 1
"Modeling Earth"



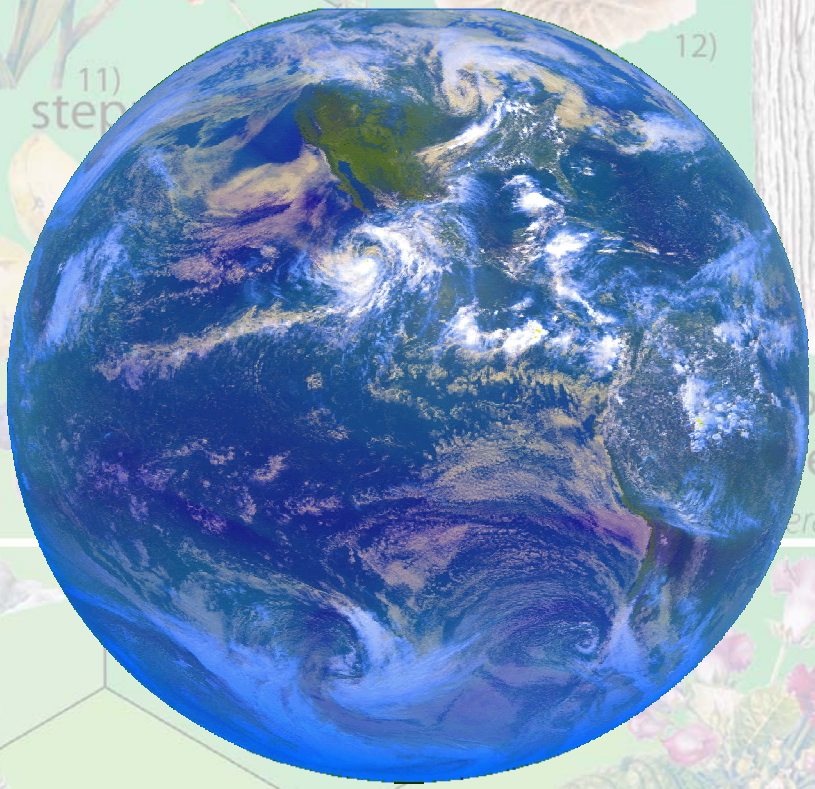
Activity 1 – "Nighttime Lights of the World"

Activity 2 – "Using Different Models of Earth"

Activity 3 – "Topography and Bathymetry"

Activity 4 – "The U.S. Coast and Geodetic Survey to the Rescue"

Section 2
"Weather"

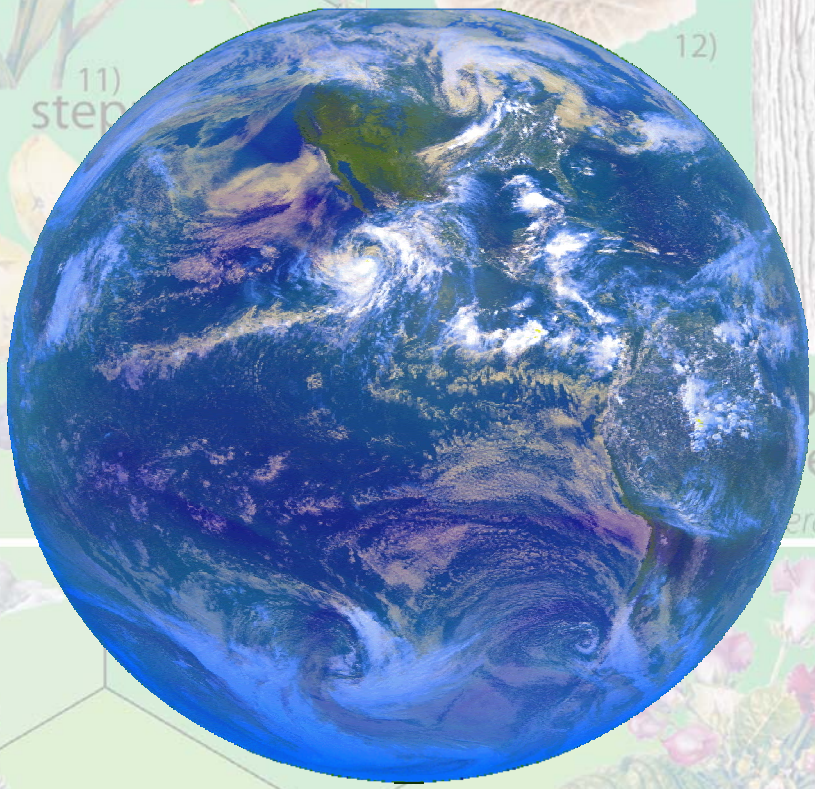


Activity 5 – "Tornado Over Kansas"

Activity 6 – "Hurricanes (Three Parts)"

Activity 7 – "Winter at the South Pole"

Section 3
"Global Warming"

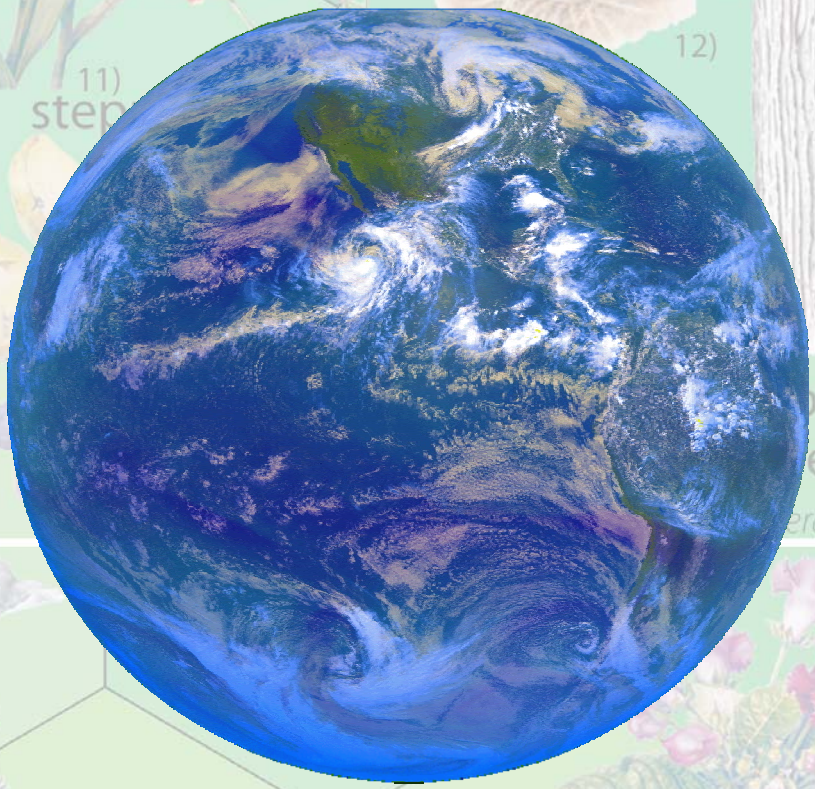


Activity 8 – "Carbon Dioxide and Seasons"

Activity 9 – "Global Warming"

Activity 10 – "Arctic Sea Ice"

Section 4
"The Carbon Cycle"



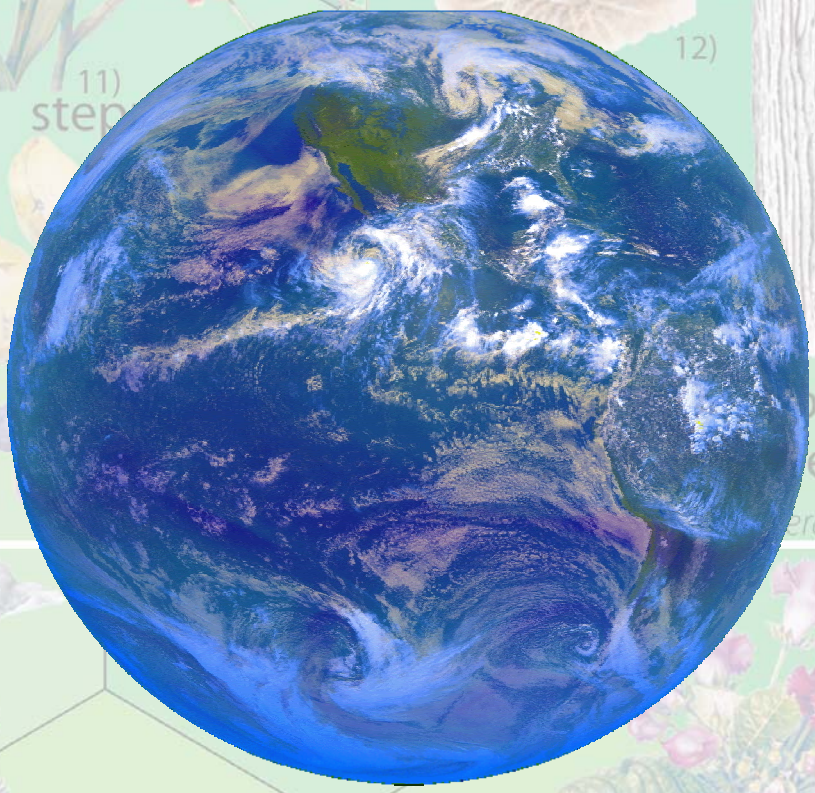
Activity 11 – "The Carbon Cycle – How It Works"

Activity 12 – "The Carbon Cycle - CarbonTracker"

Activity 13 – "The Carbon Cycle - The Annual Greenhouse Gas Index"

Activity 14 – "The Carbon Cycle – Students Help Control Their Carbon Footprint"

Section 5
"Planning for the Future"



Activity 15 – "Life Zone Reflect Climate: Climate Change Demands Future Planning"