

# Rule Table

Rule	Example
Understand the concept of the greenhouse effect and its role in climate change.	The greenhouse effect occurs when gases like carbon dioxide trap heat in the Earth's atmosphere, leading to a warming effect.
Identify real-life examples of climate change impacts.	Melting ice caps and more frequent extreme weather events, such as hurricanes and wildfires, are examples of climate change impacts.
Engage in hands-on experiments to illustrate scientific principles.	Creating a simple greenhouse model using plastic bottles, thermometers, and lamps helps illustrate how the greenhouse effect works.
Analyze data and draw conclusions from experiments.	After conducting the greenhouse model experiment, students should analyze temperature data to understand the effect of trapped heat.
Reflect on learning and discuss ways to combat climate change.	Students can design posters advocating for actions like reducing waste, conserving energy, and planting trees to help combat climate change.