

LESSON PLAN

Courses:

1. The Science of Climate Change (Mon & Thurs)
2. The Science and History of Pandemics (Tues & Fri)

WEEK 1 (DRINK MIXING, PAPER BOX)

Monday: Off
 Tuesday: Off
 Thursday: SCC, Greenhouse Effect: First Things First
 Friday: Pandemic, The Black Death

WEEK 2 (PLAGUE MASK, BASIC MICROSCOPE USAGE)

Monday: SCC, Greenhouse Effect: Air is a mix of different gas molecules
 Tuesday: Pandemic, Are Viruses Alive?
 Thursday: SCC, Greenhouse Effect: Molecules Absorb the Sun's Energy
 Friday: Pandemic, Polio & Plague Mask

WEEK 3 (MIRCOSCOPE WITH BACTERIA, THERMOMETERS)

Monday: SCC, Greenhouse Effect: Greenhouse Gases
 Tuesday: Pandemic, Bacteria, good & bad
 Thursday: SCC, Global Warming: Too Much of a Good Thing
 Friday: Pandemic, The Good Guys

WEEK 4 (APPLE SAUCE, MICROSCOPE, FIRE)

Monday: SCC, Global Warming, Making Energy, Combustion Reaction
 Tuesday: Pandemic, Pandemics and Progress
 Thursday: SCC, Global Warming, Measuring Greenhouse Gases
 Friday: Pandemic, Death to Procarvates

WEEK 5 (MICROSCOPE, CORK)

Monday: SCC, Global Warming, Feedback Mechanisms
 Tuesday: Pandemic, Discovering Cells
 Thursday: SCC, Climate change, a word about the weather
 Friday: Pandemic, The Warrior System

WEEK 6 (PAPER, BAKING BREAD, MIRCROSCOPE)

Monday: SCC, Climate Change, Evidence for Climate Change
 Tuesday: Pandemic, Bacteria Out of Control
 Thursday: SCC, Climate Change, Evidence for Climate Change
 Friday: Pandemic, Protecting Yourself from Pathogens

WEEK 7 (MICROSCOPE, BREAD, EFFERVESCENT TABS, THERMOMETERS)

Monday: SCC, Climate Change, What does it Matter if Temps rise a little?
 Tuesday: Pandemic, how Dirty can they really be?
 Thursday: SCC, What Can be Done to Help? Alternative Forms of Energy
 Friday: Pandemic, Winning the War on Pathogens

WEEK 8 (FOOTPRINT CALCULATOR, ALOE VERA, RUBBING ALCOHOL)

Monday: SCC, Your Carbon Footprint & Reducing It
Tuesday: Pandemic, A Winning Weapon: Hand Sanitizer
Thursday: SCC, What can be done to help, Heat Waves & Wildfires in CA
Friday: Pandemic, Alexander Fleming

WEEK 9

Monday: SCC, Droughts & Water Scarcity
Tuesday: Pandemic, Alexander Fleming
Thursday: SCC, The True Cost of Climate Change
Friday: Pandemic, Smallpox
