

Week		Tuesday		Thursday	Roleplay Resources/ Video Link	Modelling Experiment
1 - Lesson		Syllabus, Black Body Radiation		Black Body Radiation/ GHG's and Light Spectrum		
1 - Homework		Intro To Climatology https://www.meted.ucar.edu/training_module.php?id=499		Monitoring the Climate System With Satellites https://www.meted.ucar.edu/training_module.php?id=895		
2 - Lesson	GRC Day	Layer Model	GRC Day	EdGCM Introduction, Layer Model		
2 - Homework		Jason-2 https://www.meted.ucar.edu/training_module.php?id=534		Remote Sensing Using Satellites https://www.meted.ucar.edu/training_module.php?id=940		
3 - Lesson	GRC Day	RP - The Klamath Basin Water Crisis	GRC Day	RP - The Klamath Basin Water Crisis	http://sciencecases.lib.buffalo.edu/cs/collection/detail.asp?case_id=556&id=556	Modern Predicted
3 - Homework		Understanding the Hydrological Cycle https://www.meted.ucar.edu/training_module.php?id=791		Sea Ice https://www.meted.ucar.edu/training_module.php?id=759		1/2 No Industrial 1/2 Doubled Carbon Trend
4 - Lesson	GRC Day	Read and Share EPA Parts I and II (Finish Layer Model Problems)	GRC Day	Read and Share EPA Parts I and II, EPA Carbon Footprint		Carbon only run
4 - Homework		Volcanic Ash - Intro/ Volcanism https://www.meted.ucar.edu/training_module.php?id=882 https://www.meted.ucar.edu/training_module.php?id=833		ENSO https://www.meted.ucar.edu/training_module.php?id=134		Methane only run
5 - Lesson	GRC Day	Read and Share EPA II	GRC Day	Introduction to the IPCC and Earth from Space	http://www.pbs.org/wgbh/nova/earth/earth-from-space.html	
5 - Homework		Space Weather Basics https://www.meted.ucar.edu/training_module.php?id=901		Climate Change Fitting the Pieces Together https://www.meted.ucar.edu/training_module.php?id=522		

6 - Lesson	GRC Day	Read and Report - Energy Sources	GRC Day	Read and Report - Energy Uses		Orbital Control Run
6 - Homework		Intro to Climate Models https://www.meted.ucar.edu/training_module.php?id=913		Climate Statistics https://www.meted.ucar.edu/training_module.php?id=500		C-ROADS EPA Carbon Footprint
7 - Lesson		Stabilization Wedges Game Day 1		Stabilization Wedges Game Day 2	http://cmi.princeton.edu/wedges/	1/2 Axial Tilt
7 - Homework		Introduction to Ocean Models https://www.meted.ucar.edu/training_module.php?id=269		Introduction to Ocean Tides https://www.meted.ucar.edu/training_module.php?id=223		1/2 Eccentricity
8 - Lesson		RP - Deforestation of the Amazon Introduction	GRC Day	RP - Deforestation of the Amazon Conclusion	http://sciencecases.lib.buffalo.edu/cs/collecion/detail.asp?case_id=318&id=318	
8 - Homework		Deforestation of the Amazon Case Study http://sciencecases.lib.buffalo.edu/cs/files/amazon.pdf		Amazon Rainforest and Climate Change https://www.meted.ucar.edu/training_module.php?id=556		
9 - Lesson		NOVA Day		NO CLASS	http://www.pbs.org/wgbh/nova/earth/megastorm-aftermath.html	Original Kyoto Protocol VS IPCC A1FI
9 - Homework						
10 - Lesson		Read and Report - Climate Techbook Day I		Read and Report - Climate Techbook Day II		
10 - Homework		Weather and the Built Environment https://www.meted.ucar.edu/training_module.php?id=463		Costal Climate Change https://www.meted.ucar.edu/training_module.php?id=772		
11 - Lesson	GRC Day	Read and Report - Climate Techbook Day III		Science Party		
11 - Homework		Make a costume!		Climate Change 101 Policy Assignment Day I http://www.c2es.org/science-impacts/climate-change-101		

12 - Lesson		Climate Change 101 Day I		Climate Change 101 Day II		
12 - Homework		http://www.c2es.org/science-impacts/climate-change-101				
13 - Lesson		Energy and Environment Lunch Toy Lounge (4thfloor), Dey Hall		Carbon Tax Etc.		
13 - Homework	GRC Day	Carbon Tax Etc Readings	GRC Day	Final Project		
		See Policy Assignments for links				
14 - Lesson		World Climate Negotiation		World Climate Negotiation	http://climateinteractive.org/simulations/world-climate	
14 - Homework	GRC Day	Final Project	GRC Day	Final Project		
15 - Lesson		World Climate Negotiation		NO CLASS - Thanksgiving Holiday	http://climateinteractive.org/simulations/world-climate	
15 - Homework	GRC Day	Final Project		Final Project		
16 - Lesson		Presentation Day		NO CLASS		
16 - Homework						