

The History of Disease Course Syllabus

		Objectives	Activities
Day 1	Morning	Introduction to the course	syllabus & icebreaker (introduce someone)
	Afternoon	Introduction to Disease & Epidemics The World of Microbes; Agents of Disease	Lecture/Discussion Collage Activity
		Introduction of Cellular Biology Bacteria: Invasion of the body Plague short introduction	Cell labeling & analogy lecture
Study	When Plague Strikes (1-53)	Reading Assignment	
Day 2	Morning	Discussion of Reading Assignment Black Death: biology and social response Humors & Myths about the spread of disease Cholera Assignment Part I: Disease Detective	Discussion PowerPoint & Discussion Lecture/Discussion group project
	Afternoon	Milestone in Microbiology (Pasteur, Koch, Lister)	Lecture/Discussion
	Study	Antibiotics & resistance Man and Microbes Chapter 8: Microbes Reply	Lecture/Discussion reading & writing assignment
Day 3	Morning	Discussion and Essay on Man and Microbes Cholera Immune System	Essay writing PowerPoint Presentation Lecture
	Afternoon	Cells of the Immune System research assignment Video: "Witch Curse"	Witches & Ergot poison
	Study	Fever (1-149)	reading & writing assignment
Day 4	Morning	Immune System Quiz Discussion on Yellow Fever Malaria: protozoa, vectors, Pesticides & Sickle Cell Anemia Dialogue on Malaria	assessment Discussion PowerPoint presentation group activity
	Afternoon	Jeopardy for Quiz #1 Time to Work on Portfolio	
	Study	Fever (150-243)	Reading Assignment
Day 5	Morning	Quiz Week 1 Discuss Yellow Fever Reading Scientific Method Formite experiment part one	assessment Discussion lecture & activity experiment
	Afternoon	Library orientation & Research for project #1	research
	Study	Portfolio & yellow fever assignment	Reading Assignment
Day 6	Morning	Formite experiment part two Library Research	experiment research
	Afternoon	Computer lab for Disease project #1	research
	Study	When Plague Strikes (117-187) & Watts chapter on smallpox	Reading Assignment

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Day 7	Morning	finish research project Student Presentations	
	Afternoon Study	Student Presentations Infections and Inequalities (37-58) & Portfolio	
Day 8	Morning	Discussion of Watts Chapter on Smallpox (social and cultural issues in the Americas) Smallpox	group work and class discussion PowerPoint presentation
	Afternoon	Guest speaker-Bioterrorism Meet with Introduction to Biomedical Sciences partners	
	Study	Infections and Inequalities (37-58) & Portfolio	
Day 9	Morning	Vaccinations Library for research project #2	PowerPoint & vaccine article
	Afternoon	Essay Smallpox Viruses	lecture and activity
	Study Hall	Meet with Biomedical Technology	
Day 10	Morning	Jeopardy for Quiz #2 Disease Detective Legionnaire's Mystery	
	Afternoon	Influenza Movie: Spanish Flu Pandemic 1918	
	Study	Portfolio & Giblin AIDS	
Day 11	Morning	Quiz #2 Computer lab/library for Research project #2	assessment
	Afternoon	AIDS discussion Giblin Infections and Inequalities-Invisible Women	
	Study	Portfolio & finish prepare presentations	
Day 12	Morning	Invisible Women discussion continued AIDS PowerPoint AIDS portfolio	
	Afternoon	Consumption of the Poor discussion Tuberculosis	
	Study	presentations	
Day 13	Morning	joint presentations Tuberculosis - Farmer	
	Afternoon	Leprosy & Movie: Molokai	
	Study	Man & Microbes Chapter 11	
Day 14	Morning	discussion of Chapter 11 Lyme Disease preparation for science fair	
	Afternoon	Science Fair	
Day 15	Morning	Movie: Outbreak	
	Afternoon	Meet the Parents	