

# Almont High School **Advanced Biology** Pacing Guide

## 2016-2017

Months	SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH				APRIL				MAY				JUNE	
Week #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
	<b><u>SEMESTER 1</u></b>																																					
	Introduction				Cholera in the news												Vaccines				What are microbes?				<b>Bacteria</b>				<b>Your Inner Ecosystem</b>				Rabies in North Carolina					
	<b>Importance of Microorganisms</b>				Cholera in Haiti				Typhoid Mary				<b>Viruses</b>				Smallpox				What is disease?				Bacteria forms and classification				Immune system									
	Eukaryotes and prokaryotes				<i>The Painted Veil</i>				Tuberculosis				Living or non-living?				Polio Crusade				Germ theory disease				Bacteria structure				First line of defense				Rabies in India					
					<b>Bacteria</b>				Antibiotics				Properties of viruses												Staining bacteria				Specific versus nonspecific immunity				Influenza					
	The spectrum of microorganisms				Bacteria forms and classification				Antibiotic resistant bacteria				Virus multiplication: Lytic c ycle Lysogenic cycle				Movie: <i>Contagion</i>				<b>What is Epidemiology?</b>				Bacterial spores				Second line of defense				Vectors: Dengue fever Malaria Hantavirus				Movie: Contagion	
	What are microbes?				Bacteria structure				<b>Your Inner Ecosystem</b>				Rabies in North Carolina				EXAM Introduction				What's Wrong with Allision?				Bacterial nutritional requirements				Third line of defense				Human Immunodeficiency virus					
	What is disease?				Staining bacteria				Immune system				Rabies in India				<b><u>SEMESTER 2</u></b>				Dr. Snow & London's epidemic				Transformation				Living or non-living?				AIDS Vaccines					
	Germ theory of disease				Bacterial spores				First line of defense				Influenza				<b>Importance of Microorganisms</b>				"The Ghost Map"				Conjugation				Properties of viruses				Smallpox					
	<b>What is Epidemiology?</b>				Bacterial nutritional requirements				Specific versus nonspecific immunity				Vectors: Dengue fever Malaria Hantavirus				Eukaryotes and prokaryotes				Broad Street pump				Genetic engineering				Virus multiplication: Lytic Cycle Lysogenic cyle				Polio Crusade					
	What's Wrong with Allision?				Transformation				Second line of defense				Human Immunodeficiency virus				The spectrum of microorganisms				Cholera in the news				Typhoid Mary													
	Dr. Snow & London's epidemic				Conjugation				Third line of defense				AIDS								Cholera in Haiti				Tuberculosis													
	"The Ghost Map"				Genetic engineering																<i>The Painted Veil</i>				Antibiotics													
	Broad Street pump																								Antibiotic resistant bacteria													

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