

BIOMED / BEHIND THE SCENES OF SCIENTIFIC BREAKTHROUGHS

Pacing Guide

Based on 45-minute class periods

DAY	LESSON
1	Cellular Aging
2	Cellular Aging
3	Cellular Aging
4	Cellular Aging
5	Cellular Aging
6	Genetic Sequencing
7	Genetic Sequencing
8	Genetic Sequencing
9	Genetic Sequencing
10	Genetic Sequencing
11	The Human Genome Project
12	The Human Genome Project
13	The Human Genome Project
14	The Human Genome Project
15	The Human Genome Project
16	Can an Organism Have No Parents?
17	Can an Organism Have No Parents?
18	Can an Organism Have No Parents?
19	Can an Organism Have No Parents?
20	Can an Organism Have No Parents?
21	Bioengineering of Organisms
22	Bioengineering of Organisms
23	Bioengineering of Organisms
24	Bioengineering of Organisms
25	Bioengineering of Organisms

DAY	LESSON	TYPE
26	Bioengineering of Plants	
27	Bioengineering of Plants	
28	Bioengineering of Plants	
29	Bioengineering of Plants	
30	Bioengineering of Plants	
31	Therapeutic Cloning and Embryonic Stem Cells	
32	Therapeutic Cloning and Embryonic Stem Cells	
33	Therapeutic Cloning and Embryonic Stem Cells	
34	Therapeutic Cloning and Embryonic Stem Cells	
35	Therapeutic Cloning and Embryonic Stem Cells	
36	Longevity Markers—How are you so old?	LAB
37	Longevity Markers—How are you so old?	LAB
38	Longevity Markers—How are you so old?	LAB
39	Longevity Markers—How are you so old?	LAB
40	Longevity Markers—How are you so old?	LAB
41	Senolytics: Our War Against Aging!	
42	Senolytics: Our War Against Aging!	
43	Senolytics: Our War Against Aging!	
44	Senolytics: Our War Against Aging!	
45	Senolytics: Our War Against Aging!	

Continues next page >

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Continued

DAY	LESSON	TYPE
46	Ethical Considerations and Longevity	
47	Ethical Considerations and Longevity	
48	Ethical Considerations and Longevity	
49	Ethical Considerations and Longevity	
50	Ethical Considerations and Longevity	
51	Ethical Considerations and Longevity	
52	Ethical Considerations and Longevity	
53	Flex Day	
54	Flex Day	
55	Flex Day	