

Lesson	Topic	#	Activities	Text reference		
<b>CHAPTER 1</b>						
1	Introduction: <ul style="list-style-type: none"> <li>textbook tour</li> <li>review terminology</li> </ul>	1 2 3	<ul style="list-style-type: none"> <li>computer lab: 'Smart Ideas' (title page)</li> <li>wksht: Introduction</li> <li>wksht: Introduction Review</li> </ul>	xxii - I55	<ul style="list-style-type: none"> <li><b>cover textbook</b></li> <li>read pages 577 - 582</li> </ul>	
2	Microscope: <ul style="list-style-type: none"> <li>safety</li> <li>parts / functions</li> <li>terminology</li> <li>focusing</li> </ul>	4 5 6	<ul style="list-style-type: none"> <li>wksht: Microscope Review Part A</li> <li>Lab: focusing</li> <li>wksht: Lab review</li> </ul>	577 - 582	<ul style="list-style-type: none"> <li>complete lab - review worksheet</li> <li>review microscope</li> <li>finish calculations</li> <li>study for quiz</li> </ul>	
3		7 8	<ul style="list-style-type: none"> <li>whsht: Microscope Review Part B</li> <li><b>Quiz: Microscope</b></li> </ul>			
4	Cells: <ul style="list-style-type: none"> <li>history</li> <li>parts and functions</li> <li>labeling and comparing plant and animal cells</li> <li>biological drawings</li> <li>formal lab reports</li> </ul>	9 10	<ul style="list-style-type: none"> <li>wksht: Introduction to the Cell</li> <li>wksht: Labelling Plant and Animal Cells</li> </ul>	4 - 13 12	<ul style="list-style-type: none"> <li>complete cell chart: description and functions</li> <li>review cell parts and functions</li> <li>Formal lab due</li> <li>study for quiz on cells</li> </ul>	
5		11 12 13	<ul style="list-style-type: none"> <li>wksht: Review - Cell Organelles</li> <li>handout: Writing a Formal Lab Report</li> <li>handout: Biological Drawing</li> </ul>			
6		14 15	<ul style="list-style-type: none"> <li><b>Lab: Comparing Plant and Animal Cells</b></li> <li>Video: "Cells - The Basic Units of Life"</li> </ul>			
		16	<ul style="list-style-type: none"> <li><b>Quiz: Cells</b></li> </ul>			
7	Cell Cycle: <ul style="list-style-type: none"> <li>phases of cell cycle</li> <li>diagrams and descriptions of phases of mitosis</li> <li>using microviewers</li> </ul>	17 18 19	<ul style="list-style-type: none"> <li>wksht: Mitosis</li> <li>wksht: Mitosis Review</li> <li>crossword puzzle: Mitosis</li> </ul>	17 - 23	<ul style="list-style-type: none"> <li>review mitosis</li> <li>complete puzzle</li> <li>read 1.3 p 24 - 27 questions 1 - 4</li> </ul>	
8		20 21 22	<ul style="list-style-type: none"> <li>lab: "Microviewers" #53 and #55</li> <li>Activity: graphing (questions 1 - 4)</li> <li><b>Quiz: Mitosis</b></li> </ul>			25
		9	Asexual reproduction: <ul style="list-style-type: none"> <li>classifying kingdoms</li> <li>types of asexual reproduction in the various kingdoms</li> </ul>	23 24	<ul style="list-style-type: none"> <li>wksht: Classifying Living Things</li> <li>wksht: 1.4 Asexual Reproduction .....</li> </ul>	29 - 35 36 - 40
10		25 26		<ul style="list-style-type: none"> <li>wksht: 1.5 Asexual Repro .... in Plants</li> <li>wksht: Review - asexual reproduction</li> </ul>		
11						
12	<ul style="list-style-type: none"> <li>catch-up and review</li> </ul>					
13	Chapter 1 test	27	<ul style="list-style-type: none"> <li><b>Test</b></li> </ul>			
<b>CHAPTER 2</b>						
14	Sexual reproduction: <ul style="list-style-type: none"> <li>introduction</li> <li>meiosis</li> <li>in animals</li> </ul>	28 29 30	<ul style="list-style-type: none"> <li>wksht: 2.1 sexual reproduction (terms)</li> <li>handout: meiosis</li> <li>note: 2.1 review</li> </ul>	44 - 50	<ul style="list-style-type: none"> <li>questions 1 - 8 p50</li> <li>review meiosis</li> </ul>	
15		31 32	<ul style="list-style-type: none"> <li>wksht: 2.2 sexual reproduction in animals</li> <li><b>Quiz: Intro to sexual reproduction</b></li> </ul>	51 - 59	<ul style="list-style-type: none"> <li>questions 1 - 7 p59</li> <li>study for quiz</li> </ul>	
16	Sexual rep. in plants: <ul style="list-style-type: none"> <li>parts and functions</li> <li>dissection</li> </ul>	33	<ul style="list-style-type: none"> <li>notes: 2.3 sexual reproduction in plants</li> </ul>	60 - 71	<ul style="list-style-type: none"> <li>questions 1 - 8 p71</li> <li>review parts and functions of seed and flower</li> <li>lab due</li> </ul>	
17		34 35 36	<ul style="list-style-type: none"> <li>wksht: reproductive system of flower</li> <li>wksht: labeling flower and seed</li> <li><b>Lab: Dissection of an angiosperm</b></li> </ul>	62 66		
	Variation	37	<ul style="list-style-type: none"> <li>read: 2.4 The Value of Variation and answer questions 1 - 6 on page 74</li> </ul>	72 - 74	<ul style="list-style-type: none"> <li>Chapter 2 review questions 1-10 p76</li> </ul>	
<b>CHAPTER 3</b>						

18	Human development: <ul style="list-style-type: none"> <li>terminology</li> <li>male and female reproductive anatomy</li> <li>female menstrual cycle</li> </ul>	38	<ul style="list-style-type: none"> <li>notes: hormones and puberty</li> <li>wksht: labeling male and female ...</li> <li>chart: functions of male and female ..</li> <li><b>Activity:</b> gestation periods</li> <li>handout: Hormone and the female menstrual cycle</li> <li>group activity: 3.1 review</li> <li><b>Quiz:</b> 3.1</li> </ul>	80 - 81	<ul style="list-style-type: none"> <li>complete chart</li> <li>graphing activity due _____</li> <li>review labelling</li> <li>questions 1 - 6 p90</li> <li>review menstrual cycle</li> <li>study for quiz</li> </ul>	
19		39		80 - 86		
20		40		80 - 86		
		41		79		
		42		84 - 90		
		43				
		44				
21	Pregnancy and birth: <ul style="list-style-type: none"> <li>terminology</li> <li>fetal development</li> <li>risks to pregnancy</li> <li>stages of labor</li> </ul>	45	<ul style="list-style-type: none"> <li>wksht: 3.2 Pregnancy</li> <li>Video: In the Womb</li> <li>wksht: 3.3 Differentiation and birth</li> <li>activity: risks to pregnancy → concept map</li> </ul>	91 - 94	<ul style="list-style-type: none"> <li>complete and review wkshts</li> <li>activity on risks due _____</li> </ul>	
22		46		95 - 104		
		47		100 - 101		
		48				
23	Review:	49	<ul style="list-style-type: none"> <li>questions: # 1, 3, 15, 17, 18 (p 106)</li> <li>questions: # 13 to 23 (p 148 - 149)</li> <li>wksht: Review for Chapters 2 &amp; 3</li> </ul>			
		50				
		51				
24	Chapters 2 and 3 test	52	<b>Test</b>			
<b>CHAPTER 4</b>						
25	DNA: <ul style="list-style-type: none"> <li>terminology</li> <li>structure of DNA</li> <li>building model</li> </ul>	53	<ul style="list-style-type: none"> <li>wksht: Biotechnology and DNA</li> <li><b>Lab:</b> DNA model</li> <li>Read: p 118 - 121 and make notes</li> <li>Video: Designer Babies</li> <li>Activity: Create a Karyotype</li> <li>group activity: review - 4.1 and 4.2</li> </ul>	108 - 117	<ul style="list-style-type: none"> <li>review DNA model</li> <li>complete detailed notes p 118 - 121</li> <li>complete Karyotype</li> </ul>	
26		54				56
		55				57
		56				
		57				
27	Biotechnology: <ul style="list-style-type: none"> <li>reproductive</li> <li>human body</li> <li>agriculture</li> <li>environment</li> </ul>	58	<ul style="list-style-type: none"> <li><b>Assignment:</b> Biotechnology</li> </ul>	122 - 140	<ul style="list-style-type: none"> <li>assignment due _____</li> <li>study for quiz</li> </ul>	
						Chapter 4 quiz

#### EVALUATIONS:

TYPE	NAME	WEIGHTINGS			
		K/U	T/I	COMM	APP
<b>LABS</b>	Plant and Animal Cells	2	2	3	
	Flower Dissection	1		1	
	DNA Model	1	1		
<b>QUIZZES</b>	Microscope	1	2		
	Cells	1	1		
	Mitosis	1	1		1
	Sexual Reproduction	1	1		1
	Chapter 4	2	2		
<b>TESTS</b>	Chapter 1	5	3	2	3
	Chapters 2&3	5	3	2	3
<b>ASSIGNMENTS</b>	Title page			1	
	Graphing gestation		1	1	1
	Biotechnology	2		2	

Parent's signature: \_\_\_\_\_