Instructional Guide

Grade Level <u>Seventh</u> Subject <u>Life Science</u> School System <u>Pickens County</u> School Year <u>2011-2012</u>

* Bolded eligible content areas are the lowest state testing scores

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing –	Mapping Comments (What works what needs adjustment)
				how well)	
1 st 9-weeks	CS 1 EC -Describe how organisms are comprised of at least one cell.	7.1. C. Describe the characteristics common to living things, including cellular organization	Glencoe Life Science Textbook pages: 14-18, 66-69, 70-85 Workbook pages: add in Internet sources Graphic organizers Study guides Extra time Peer tutor		
1 st 9-weeks	CS 1 EC -Describe how organisms use energy to undergo life processes.	7.1. D. Describe the characteristic common to living things, including use of energy.	Glencoe Life Science Textbook pages: 14-18, 66-69, 70-85 Workbook pages: add in Internet sources Graphic organizers Study guides Extra time Peer tutor		

	State Assessment	Standards/ Components	Resources/ Activities	Date of Common	Mapping Comments (What
	Correlations	(Pacing – what)	(Pacing – how)	Assessment	works what needs
			Curricular Alignment	(Pacing – how well)	aujustinentj
1 st 9-weeks	CS 1 EC	7.1. E. Describe the	Glencoe Life Science		
	-Describe how	characteristic common to living	Textbook pages: 14-18, 66-69,		
	organisms	things. Including exchange of	70-85		
	exchange gases	gasses.	Workbook pages: add in		
	such as		Internet sources		
	oxygen, carbon		Graphic organizers		
	dioxide, and		Study guides		
	nitrogen.		Extra time		
			Peer tutor		
1 st 9-weeks	CS 1 EC	7.1. a. Describe the	Glencoe Life Science		
	-Describe how	characteristics common to living	Textbook pages: 14-18, 66-69,		
	organism grow	things, including growth and	70-85		
	and develop, as	development	Workbook pages: add in		
	can be		Internet sources		
	reflected by		Graphic organizers		
	changes in size		Study guides		
	and maturity.		Extra time		
			Peer tutor		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how)	Date of Common Formative Assessment	Mapping Comments (What works what needs adjustment)
			Curricular Alignment	how well)	
1 st 9-weeks	CS 1 EC	7.1. b. Describe the	Glencoe Life Science		
	-Describe how	characteristics common to living	Textbook pages: 14-18, 66-69,		
	organisms	things, including reproduction.	70-85		
	reproduce		Workbook pages: add in		
	using sexual		Internet sources		
	and/or asexual		Graphic organizers		
	reproduction		Study guides		
			Extra time		
			Peer tutor		
1 st 9-weeks	CS 1 EC	7.1. f. Describe the	Glencoe Life Science		
	Describe how	characteristics common to living	Textbook pages: 14-18, 66-69,		
	organisms	things, including their respond to	70-85		
	respond to	the environment.	Workbook pages: add in		
	environmental		Internet sources		
	stimuli.		Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how)	Date of Common Formative Assessment (Pacing –	Mapping Comments (What works what needs adjustment)
				how well)	
1 st 9-weeks	CS 1 EC	7.1. B.1.a. Identify	Glencoe Life Science		
	Describe how	homeostasis as the process by	Textbook pages: 15, 18, 520,		
	organisms	which an organism responds to	595, 601, 611		
	respond to	its internal environment.	Workbook pages: add in		
	environmental		Internet resources		
	stimuli.		Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		
1 st 9-weeks	CS 1 EC	7.1. B.1.b. Identify	Glencoe Life Science		
	Describe how	homeostasis as the process by	Textbook pages: 15, 18, 520,		
	organisms	which an organisms responds to	595, 601, 611		
	respond to	its external environment	Workbook pages: add in		
	environmental		Internet resources		
	stimuli.		Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		

Time Period	State Assessment	Standards/ Components	Resources/ Activities	Date of Common	Mapping Comments (What
(Pacing –	Correlations	(Pacing – what)	(Pacing – how)	Formative Assessment	works what needs
when			Curricular Alignment	(Pacing – how well)	aujustmentj
1 st 9-weeks	CS 1 EC	7.1. B.2. Predicting how	Glencoe Life Science		
	Describe how	an organism's behavior impacts	Textbook pages: 462-440,		
	organisms	the environment	696-700		
	respond to		Workbook pages: add in		
	environmental		Internet resources		
	stimuli.		Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		
1 st 9-weeks	CS 1 EC	7.1. B.3.a Identifying	Glencoe Life Science		
	Describe how	unicellular organisms, including	Textbook pages: 186-191,		
	organisms	bacteria and protists, by their	193-199, 210-219, 228, 229		
	respond to	methods of locomotion.	Workbook pages: add in		
	environmental		Internet resources		
	stimuli.		Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how)	Date of Common Formative Assessment	Mapping Comments (What works what needs adjustment)
			Curricular Alignment	(Pacing – how well)	aujuo,
1 st 9-weeks	CS 1 EC	7.1. B.3.b. Identifying	Glencoe Life Science		
	-Describe how	unicellular organisms, including	Textbook pages: 186-191,		
	organisms	bacteria and protists, by their	193-199, 210-219, 228, 229		
	reproduce	reproduction.	Workbook pages: add in		
	using sexual	-	Internet resources		
	and/or asexual		Graphic organizers		
	reproduction		Study guides		
			Extra time		
			Peer tutor		
1 st 9-weeks	CS 1 EC	7.1. B.3.c. Identifying	Glencoe Life Science		
	-Describe how	unicellular organisms, including	Textbook pages: 186-191,		
	organisms use	bacteria and protists, by their	193-199, 210-219, 228, 229		
	energy to	ingestion.	Workbook pages: add in		
	undergo life		Internet resources		
	processes		Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how)	Date of Common Formative Assessment	Mapping Comments (What works what needs adjustment)
			Curricular Alignment	how well)	
1 st 9-weeks	CS 1 EC	7.1. B.3.d. Identifying	Glencoe Life Science		
	-Describe how	unicellular organisms, including	Textbook pages: 186-191,		
	organisms use	bacteria and protists, by their	193-199, 210-219, 228, 229		
	energy to	excretion.	Workbook pages: add in		
	undergo life		Internet resources		
	processes		Graphic organizers		
	-		Study guides		
			Extra time		
			Peer tutor		
1 st 9-weeks	CS 1 EC	7.1. B.4.e. Identifying	Glencoe Life Science		
	Describe how	unicellular organisms, including	Textbook pages: 186-191,		
	organisms	bacteria and protists, by their	193-199, 210-219, 228, 229		
	respond to	affects on other organisms	Workbook pages: add in		
	environmental		Internet resources		
	stimuli.		Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		

Time	State	Standards/ Components	Resources/	Date of	Mapping
(Pacing –	Correlations	(Pacing – what)	(Pacing – how)	Formative	works what needs
when)			Curricular Alignment	Assessment (Pacing – how well)	adjustment)
1 st 9-weeks		7.1. B.4 Identifying the	Glencoe Life Science		
		structure of a virus.	Textbook pages: 52-55,		
			Workbook pages: add in		
			Internet resources		
			Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		
1 st 9-weeks		7.2. B. 1. Identifying	Glencoe Life Science		
		components of cell theory.	Textbook pages:47-51		
			Workbook pages: add in		
			Internet resources		
			Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		
1 st 9-weeks		7.2. B.2.a. Identifying	Glencoe Life Science		
		cells as prokaryotic.	Textbook pages: 39		
		7.2. B.2.b. Identify cells	Workbook pages: add in		
		as eukaryotic.	Internet resources		
			Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		

Time	State	Standards/ Components	Resources/	Date of	Mapping
Period	Assessment		Activities	Common	Comments (What
(Pacing –	Correlations	(Pacing – what)	(Pacing – how)	Assessment	works what needs
when			Curricular Alignment	(Pacing – how well)	aujustinentj
1 st 9-weeks	CS 2 EC	•	Glencoe Life Science		
	Identify and	7.2. a. identify functions of	Textbook pages: 38-45		
	describe the	organelles found in eukaryotic	Workbook pages: add in		
	function of the	cells, including the nucleus	Internet resources		
	nucleus		Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		
1 st 9-weeks	CS 2 EC		Glencoe Life Science		
	Identify and	7.2. b. Identify functions of	Textbook pages: 38-45		
	describe the	organelles found in eukaryotic	Workbook pages: add in		
	function of the	cells, including cell membrane	Internet resources		
	cell	_	Graphic organizers		
	membrane		Study guides		
			Extra time		
			Peer tutor		
1 st 9-weeks	CS 2 EC	7.2. c. Identify functions of	Glencoe Life Science		
	Identify and	organelles found in eukaryotic	Textbook pages: 38-45		
	describe the	cells, including cell wall	Workbook pages: add in		
	function of the	_	Internet resources		
	cell wall.		Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		

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Period	Assessment		Activities	Common	Comments (What
(Pacing –	Correlations	(Pacing – what)	(Pacing – how)	Assessment	works what needs
wnen)			Curricular Alignment	(Pacing – how well)	adjustment)
1 st 9-weeks	CS 2 EC	. 7.2. d. Identify functions of	Glencoe Life Science		
	Identify and	organelles found in eukaryotic	Textbook pages: 38-45		
	describe the	cells, including the mitochondria.	Workbook pages: add in		
	function of the	_	Internet resources		
	mitochondria		Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		
1 st 9-weeks	. CS 2 EC	7.2. e. Identify functions of	Glencoe Life Science		
	I identify and	organelles found in eukaryotic	Textbook pages: 38-45		
	describe the	cells, including the chloroplast	Workbook pages: add in		
	function of		Internet resources		
	chloroplast		Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		
1 st 9-weeks		7.2.f. Identify functions of	Glencoe Life Science		
	. CS 2 EC	organelles found in eukaryotic	Textbook pages: 38-45		
	Identify and	cells, including the vacuoles	Workbook pages: add in		
	describe the		Internet resources		
	function of		Graphic organizers		
	vacuoles.		Study guides		
			Extra time		
			Peer tutor		

Time	State	Standards/ Components	Resources/	Date of	Mapping
Period	Assessment	(Decing what)	Activities	Common Formative	Comments (What
(Pacing – when)	Correlations	(Pacing – what)	(Pacing – now)	Assessment	adjustment)
			Curricular Alignment	(Pacing – how well)	aajao
1 st 9-weeks			Glencoe Life Science		
		7.2. B.3. Listing the	Textbook pages: 96-99		
		sequence of the mitotic cell cycle.	Workbook pages: add in		
			Internet resources		
			Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		
1 st 9-weeks		7.3. B. 4. Arranging in	Glencoe Life Science		
		order the organizational levels of	Textbook pages: 45, 484-631		
		the human body from the cell	Workbook pages: add in		
		through the organ systems	Internet resources		
			Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		
1 st 9-weeks	CS 3 EC	7.3. a. Relate the major tissues	Glencoe Life Science		
	Recognize the	and organs of the skeletal system	Textbook pages: 484-489		
	skeletal system	to their function.	Workbook pages: add in		
	and describe its		Internet resources		
	function.		Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		

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wnen)			Curricular Alignment	(Pacing – how well)	adjustment)
1 st 9-weeks	CS 3 EC Recognize that the circulatory system carries oxygen, carbon dioxide, wastes, and nutrients throughout the body.	7.3. b. Relate the major tissues and organs of the circulatory system to their function.	Glencoe Life Science Textbook pages: 540-545, 550, 551 Workbook pages: add in Internet resources Graphic organizers Study guides Extra time Peer tutor		
1 st 9-weeks	CS 3 EC Recognize that the reproductive system allows for production of offspring and the continuation of life.	7.3. c. Relate the major tissues and organs of the reproductive system to their function.	Glencoe Life Science Textbook pages: 627-629 Workbook pages: add in Internet resources Graphic organizers Study guides Extra time Peer tutor		

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when			Curricular Alignment	(Pacing – how well)	adjustment)
1 st 9-weeks	CS 3 EC Recognize that the muscular system supports and enables the body to move, produces heat and gives the body shape.	7.3. d. Relate the major tissues and organs of the muscular system to their function.	Glencoe Life Science Textbook pages: 490-495 Workbook pages: add in Internet resources Graphic organizers Study guides Extra time Peer tutor		
1 st 9-weeks	CS 3 EC Recognize that the respiratory system provides the body with oxygen and removes carbon dioxide from the blood.	7.3. e. Relate the major tissues and organs of the respiratory system to their function.	Glencoe Life Science Textbook pages: 568-572 Workbook pages: add in Internet resources Graphic organizers Study guides Extra time Peer tutor		

Time Period	State Assessment	Standards/ Components	Resources/	Date of Common	Mapping Comments (What
(Pacing –	Correlations	(Pacing – what)	(Pacing – how)	Formative Assessment	works what needs
when)			Curricular Alignment	(Pacing – how well)	adjustment)
1 st 9-weeks	CS 3 EC Recognize that the nervous system gathers and interprets information and responds to that information.	7.3. f. relates the major tissues and organs of the nervous system to their function.	Glencoe Life Science Textbook pages: 594-611 Workbook pages: add in Internet resources Graphic organizers Study guides Extra time Peer tutor		
1 st 9-weeks	CS 3 EC Recognize that the digestive system breaks down food, either chemically or physically (mechanically), process it for use by the body, and excretes waste products.	7.3. g. Relate the major tissues and organs of the digestive system to their function.	Glencoe Life Science Textbook pages: 523-529 Workbook pages: add in Internet resources Graphic organizers Study guides Extra time Peer tutor		

Time	State	Standards/ Components	Resources/	Date of	Mapping
(Pacing –	Assessment Correlations	(Pacing – what)	Activities (Pacing – how)	Formative	works what needs
when)		((1 2011)	Assessment	adjustment)
			Curricular Alignment	how well)	
1 st 9-weeks	CS 4 EC	7.4. Describe organisms in the	Glencoe Life Science		
	Identify	six-kingdom classification system	Textbook pages: 22-26		
	characteristics	by their characteristics	Workbook pages: add in		
	of each		Internet resources		
	kingdom and		Graphic organizers		
	provides		Study guides		
	examples		Extra time		
			Peer tutor		
1 st 9-weeks	CS 4 EC	7.4. B.1. Recognizing	Glencoe Life Science		
		genus and species as components	Textbook pages: 24		
		of a scientific name.	Workbook pages: add in		
			Internet resources		
			Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		
1 st 9-weeks	CS 4 EC	7.4. B.2.a. Identifying	Glencoe Life Science		
		contributions of Aristotle to the	Textbook pages: 22-23		
		early history of taxonomy	Workbook pages: add in		
			Internet resources		
			Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing –	Mapping Comments (What works what needs adjustment)
				how well)	
1 st 9-weeks	CS 4 EC	7.4. B.2.b. identifying	Glencoe Life Science		
		contributions of Linnaeus to the	Textbook pages: 22-23		
		early history of taxonomy.	Workbook pages: add in		
			Internet resources		
			Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		

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(Pacing –	Correlations	(Pacing – what)	(Pacing – how)	Formative Assessment	works what needs
when			Curricular Alignment	(Pacing – how well)	aujustmentj
1 st 9-weeks	CS 5 EC	7.5. a. Identify major differences	Glencoe Life Science		
	Identify	between plants and animals,	Textbook pages: chapters 9-		
	differences in	including internal structures.	11, 12-16		
	internal		Workbook pages: add in		
	cellular		Internet resources		
	structures like		Graphic organizers		
	chloroplasts		Study guides		
	and cell walls,		Extra time		
	external		Peer tutor		
	structures,				
	method of				
	locomotion,				
	sexual and				
	asexual				
	methods of				
	reproduction,				
	and stages of				
	development.				

Time Period	State Assessment	Standards/ Components	Resources/ Activities	Date of Common	Mapping Comments (What
(Pacing –	Correlations	(Pacing – what)	(Pacing – how)	Formative Assessment	works what needs
When			Curricular Alignment	(Pacing – how well)	uujuotinenty
1 st 9-weeks	CS 5 EC	7 .5.b. Identify major differences	Glencoe Life Science		
	Identify	between plants and animals,	Textbook pages: chapters 9-		
	differences in	including external structures.	11, 12-16		
	internal		Workbook pages: add in		
	cellular		Internet resources		
	structures like		Graphic organizers		
	chloroplasts		Study guides		
	and cell walls,		Extra time		
	external		Peer tutor		
	structures,				
	method of				
	locomotion,				
	sexual and				
	asexual				
	methods of				
	reproduction,				
	and stages of				
	development				

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1 st 9-weeks	CS 5 EC	7.5. c. Identify major differences	Glencoe Life Science		
	Identify	between plants and animals,	Textbook pages: chapters 9-		
	animals as	including methods of locomotion.	11, 12-16		
	interdependent		Workbook pages: add in		
	and plants as		Internet resources		
	nonmobile		Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		

Time Period (Pacing –	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how)	Date of Common Formative	Mapping Comments (What works what needs
when)			Curricular Alignment	Assessment (Pacing – how well)	adjustment)
1 st 9-weeks	CS 5 EC	7.5. d. identifies major	Glencoe Life Science		
	Identify	differences between plants and	Textbook pages: chapters 9-		
	differences in	animals, including methods of	11, 12-16		
	internal	reproduction.	Workbook pages: add in		
	cellular		Internet resources		
	structures like		Graphic organizers		
	chloroplasts		Study guides		
	and cell walls,		Extra time		
	external		Peer tutor		
	structures,				
	method of				
	locomotion,				
	sexual and				
	asexual				
	methods of				
	reproduction,				
	and stages of				
	development				

Time Period	State Assessment	Standards/ Components	Resources/ Activities	Date of Common	Mapping Comments (What
(Pacing –	Correlations	(Pacing – what)	(Pacing – how)	Formative Assessment	works what needs
When			Curricular Alignment	(Pacing – how well)	uujuotinenty
1 st 9-weeks	CS 5 EC	7.5. e. Identify major differences	Glencoe Life Science		
	Identify	between plants and animals,	Textbook pages: chapters 9-		
	differences in	including stages of development.	11, 12-16		
	internal		Workbook pages: add in		
	cellular		Internet resources		
	structures like		Graphic organizers		
	chloroplasts		Study guides		
	and cell walls,		Extra time		
	external		Peer tutor		
	structures,				
	method of				
	locomotion,				
	sexual and				
	asexual				
	methods of				
	reproduction,				
	and stages of				
	development				

Time	State	Standards/ Components	Resources/	Date of Common	Mapping
(Pacing –	Correlations	(Pacing – what)	(Pacing – how)	Formative	works what needs
when)			Curricular Alignment	(Pacing – how well)	adjustment)
1 st 9-weeks	CS 5 EC	7.5. B.1. Describing the process of photosynthesis	Glencoe Life Science Textbook pages: 82, 302-307 Workbook pages: add in Internet resources Graphic organizers Study guides Extra time Peer tutor		
1 st 9-weeks	CS 5 EC	7.5. B.2. Describing the process of cellular respiration	Glencoe Life Science Textbook pages: 83, 307-308 Workbook pages: add in Internet resources Graphic organizers Study guides Extra time Peer tutor		
2 nd 9- weeks		7.6. a. Describe evidence of species variation due to climate.	Glencoe Life Science Textbook pages: 114, 115 Workbook pages: add in Internet resources Graphic organizers Study guides Extra time Peer tutor		

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2 nd 9- weeks	CS 6 EC Describe evidence of species variation due to geographic isolations such as a population becoming separated by a mountain range, an island breaking off from a mainland, as in the case of Australia.	7.6. b. Describe evidence of species variation due to changing landforms.			

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Period	Assessment	(Decing what)	Activities	Formative	Comments (What
(Pacing – when)	Correlations	(Pacing – what)	(Pacing – now)	Assessment	adjustment)
			Curricular Alignment	(Pacing – how well)	udjuotinionty
2 nd 9-	CS 6 EC	7.6. c. Describe evidence of	Glencoe Life Science		
weeks	Describe	species variation due to	Textbook pages: 114, 115		
	evidence of	interspecies interaction.	Workbook pages: add in		
	species		Internet resources		
	variation due		Graphic organizers		
	to interspecies		Study guides		
	interaction by		Extra time		
	recognizing the		Peer tutor		
	roles of				
	parasitism,				
	mutualism,				
	and				
	commensalism.				
2^{nd} 9-	CS 6 EC	7.6. d. Describe evidence of	Glencoe Life Science		
weeks	Recognize that	species variation due to genetic	Textbook pages: none		
	genetic	mutation.	Workbook pages: add in		
	mutation leads		Internet resources		
	to diversity		Graphic organizers		
	within a		Study guides		
	species which		Extra time		
	can lead to		Peer tutor		
	speciation.				

Time	State	Standards/ Components	Resources/	Date of	Mapping
Period	Assessment		Activities	Common	Comments (What
(Pacing –	Correlations	(Pacing – what)	(Pacing – now)	Assessment	works what needs
wheny			Curricular Alignment	(Pacing – how well)	aujustinentj
2 nd 9-	CS 7 EC	7.7. Describe biotic and abiotic	Glencoe Life Science		
weeks	Describe	factors in the environment.	Textbook pages: ,712-718,		
	biotic and		Workbook pages: add in		
	aboitic factors		Internet resources		
	and		Graphic organizers		
	recognizes		Study guides		
	examples		Extra time		
			Peer tutor		
2 nd 9-	CS 7 EC	7.7. B.1. Classifying organisms	Glencoe Life Science		
weeks		as autotrophs and heterotrophs.	Textbook pages: 82,83, 696-		
			697		
			Workbook pages: add in		
			Internet resources		
			Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		
2^{nd} 9-	CS 7 EC	7.7. B.2.a. Arranging the	Glencoe Life Science		
weeks		sequence of energy flow in an	Textbook pages: 728		
		ecosystem through food webs	Workbook pages: add in		
			Internet resources		
			Graphic organizers		
			Study guides		
			Extra time Peer tutor		

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(Pacing – when)	Correlations	(Pacing – what)	(Pacing – how)	Assessment	works what needs adjustment)
,			Curricular Alignment	(Pacing – how well)	
2 nd 9-	CS 7 EC	7.7.B.2.b. Arranging the	Glencoe Life Science		
weeks		sequence of energy flow	Textbook pages: 727		
		in an ecosystem through	Workbook pages: add in		
		food chains	Internet resources		
			Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		
2^{nd} 9-	CS 7 EC	7.7.B.2.c. Arranging the	Glencoe Life Science		
weeks		sequence of energy flow	Textbook pages: 728-729		
		in an ecosystem through	Workbook pages: add in		
		energy pyramids	Internet resources		
			Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		
2^{nd} 9-	CS 8 EC	7.8. Describe the function of	Glencoe Life Science		
weeks	Recognize that	chromosomes.	Textbook pages: 98,100, 104-		
	chromosomes		107, 109, 126-127,		
	control cell		Workbook pages: add in		
	processes and		Internet resources		
	determine traits		Graphic organizers		
	of an entire		Study guides		
	organism.		Extra time Peer tutor		

Time Period (Pacing –	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how)	Date of Common Formative Assessment	Mapping Comments (What works what needs
wnen)			Curricular Alignment	(Pacing – how well)	adjustment)
2 nd 9- weeks	CS 8 EC	7.8. B. Identifying genes as parts of chromosomes that carry genetic traits.	Glencoe Life Science Textbook pages: 98,100, 104- 107, 109, 126-127 Workbook pages: add in Internet resources Graphic organizers Study guides Extra time Peer tutor		
2 nd 9- weeks	CS 9 EC Describe and identify the process of chromosome reduction in the production of sperm during meiosis.	7.9. a. Identify the process of chromosomes reduction in the production of sperm during meiosis.	Glencoe Life Science Textbook pages: 104-109 Workbook pages: add in Internet resources Graphic organizers Study guides Extra time Peer tutor		

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how) Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
2 nd 9- weeks	CS 9 EC Describe and identify the process of chromosome reduction in the production of egg cells during meiosis	7.9.b. Identify the process of chromosome reduction in the production of egg cells during meiosis	Glencoe Life Science Textbook pages: 104-109 Workbook pages: add in Internet resources Graphic organizers Study guides Extra time Peer tutor		
2 nd 9- weeks	CS 10 EC- Identify the bases of DNA and RNA. Differentiate between nucleic acid sugars found in DNA and RNA	7.10. Identify differences between deoxyribonucleic acid (DNA) and ribonucleic acid (RNA).	Glencoe Life Science Textbook pages: 110-114 Workbook pages: add in Internet resources Graphic organizers Study guides Extra time Peer tutor		

Time	State	Standards/ Components	Resources/	Date of	Mapping
Period	Assessment		Activities	Common	Comments (What
(Pacing –	Correlations	(Pacing – what)	(Pacing – how)	Assessment	works what needs
when)			Curricular Alignment	(Pacing – how well)	adjustment)
2 nd 9-	CS 10 EC	7.10.B. Identifying Watson and	Glencoe Life Science		
weeks	Describe the	Crick as scientists who	Textbook pages: 111		
	structures of	discovered the shape of the DNA	Workbook pages: add in		
	DNA and	molecule	Internet resources		
	RNA		Graphic organizers		
			Study guides		
			Extra time		
			Peer tutor		
2 nd 9-	CS 11 EC	7.11. Identify Mendel's laws of	Glencoe Life Science		
weeks	Know and	genetics	Textbook pages: 126-132		
	apply the laws		Workbook pages: add in		
	of dominance,		Internet resources		
	segregation		Graphic organizers		
	and		Study guides		
	independent		Extra time		
	assortment.		Peer tutor		
	Define				
	homozygous,				
	heterozygous,				
	genotype,				
	phenotype, and				
	alleles.				

Time Period	State Assessment	Standards/ Components	Resources/	Date of Common	Mapping Comments (What
(Pacing –	Correlations	(Pacing – what)	(Pacing – how)	Formative Assessment	works what needs
when)			Curricular Alignment	(Pacing – how well)	adjustment)
2 nd 9- weeks	CS 11 EC	7.11. B.1.a. Recognizing Sickle cell anemia as inherited genetic disorders	Glencoe Life Science Textbook pages: 555 Workbook pages: add in Internet resources Graphic organizers Study guides Extra time Peer tutor		
2 nd 9- weeks	CS 11 EC	7.11.B.1.b. Recognizing Down's Syndrome as inherited genetic disorders	Glencoe Life Science Textbook pages: 137 Workbook pages: add in Internet resources Graphic organizers Study guides Extra time Peer tutor		
2 nd 9- weeks	CS 11 EC	7.11. B.2. Using a monohybrid Punnett Square to predict the probability of traits passed from parents to offspring	Glencoe Life Science Textbook pages: 131 Workbook pages: add in Internet resources Graphic organizers Study guides Extra time Peer tutor		