3RD GRADE E LEARNING PACKET PHASE 2 – APRIL 1-3 & APRIL 13-17

AnnaBell Buchanan – 803-767-6808 <u>Abuchanan@rhmail.org</u> Breanna Driggers – 803-493-8612 <u>bdriggers@rhmail.org</u> Patricia Domenick –704-604-5186 <u>pdomenic@rhmail.org</u>

Please refer to the grid in this packet that will have all of your assignments for each subject. Your assignments will also be on canvas. Please stay in touch with your teacher during our learning for any Zoom meetings. If you are having trouble reach out through e mail or phone, you can also use your canvas inbox to send a message to your teacher.

CIVI RIGhts Movement	The Civil Rights Movement was a period where African Americans were fighting for treatment. After world war 11. African Americans began fighting
	to end Crow Laws.
Education	IN 1986, the Supreme Court ruled that in Schools was constitutional. White Schools had newer books, buses, and
Briggs ∨. Elliot	Parents in Clarendon County purchased a for their African American children because the school board refused to provide them one. The district refused to pay for the and the parents took the school district to court. The priggs v. Elliot case lost, but then went on to become part of prown v. poard of Education where in schools was ruled illegal.
POYCOTIS & Protests	Segregation still continued in many places. Rosa Parks refused to give up her on a bus. This protest led to the Montgomery Bus
Integration	The news began to show protesters being attacked by police and people began to see the unfair treatment and of African Americans in the South. It led South Carolina to peacefully Schools.
orangeburg Massacre	Clemson University was the first place in South Carolina to In 1968, some black students were a segregated bowling alley and were shot and killed.

	The Civil Rights	OF 1964
Civil Ri9hts	nade segregation illegal in places. The voting rights	Act of 1965
Act	outlawedt	ests. The 24 th /ed poil taxes.



Create your own at Storyboard That





3 rd Grade ELearning (8 days)	Writing (Writing Canvas Course)	Reading (Reading Canvas Course)	Math (Math Canvas Course)	Science (Discovery Education through Launchpad & Science Canvas Course)	Social Studies (Packet and Social Studies Canvas Course)
Wednesday, April I, 2020	* Look at the fairytale checklist on Canvas. Check off what you already have in your story. * What are some goals that you still have for your fairytale? Write 2 goals that you have in your writing journal.	* Pick an animal to research. Use Epic to help find resources. * Use Reading Canvas course to see Power Point – located under Modules **If you need extra help/guidance – click the <u>link</u>	*Get on IXL – Math *For 20 minutes, complete any of the lessons that you have not completed T 1 – 8. *For 10 minutes, go to recommendations for Math.	* Complete study guide for Habitat Quiz on Friday.	*A New Century Quiz on Canvas – Social Studies – Quizzes.
Thursday, April 2, 2020	* Continue writing your fairy tale. Do you have a problem and solution in your story? Include this in your story. * Look at the PowerPoint on Canvas. *Look at the PowerPoint on Canvas.	 Think of 3-5 things to teach about your animal (subtopics) * choose one subtopic and research (find all information you can about) * Use Power Point for help. 	*Get on IXL – Math *For 20 minutes, complete any of the lessons that you have not completed T 1 – 8. *For 10 minutes, go to recommendations for Math.	* Study for your Habitat Quiz -	*Canvas – Social Studies – A New Century eLearning - WWII – go through PowerPoint. *Discuss the Timeline questions with someone. *Fill in WWII notes in flipbook. *Watch the BrainPOP video World War II.

Friday, April 3	* Continue	* Use	*Assessment in	* Habitat Quiz –	Canvas – Social
2020	writing your	Reading Canvas	Mastery Connect	Mastery Connect	Studies – A New
	fairytale. Add	Course to see	on Time. This one is	** Go into	Century
	dialogue	Power Point on	for a grade.	Launchpad and	eLearning - Cold
	between two of	what	Ŭ	click on your	War – go
	your characters.	synthesizing		Mastery Connect	through
	Remember, this	means.		App. It is titled	PowerPoint.
	is a	* Continue		<u>Habitat</u>	*Watch video in
	conversation	with your			PowerPoint
	the characters	research and			*Fill in notes on
	have. *Check	blending your			Cold War in
	the	information			flipbook
	PowerPoint on	(synthesizing)			*Complete
	Canvas for help	(-,			Cubing activity
	with dialogue.				

Monday, April 13, 2020	*Begin writing your conclusion for your fairytale. How will your story end? Look at the PowerPoint on Canvas for help and examples of	* Type up your information you have researched on your subtopic into Canvas – Submit through a Word Document.	*Go to Learn Zillion and watch the lesson on "Find Perimeter with Missing Side Lengths" *Go to IXL – FF 1 – 4 *Work on IXL for 15	* Food Chain – 3.L5A.2 - Log onto Roadworks and read and answer the questions	Canvas – Social Studies – A New Century eLearning - Civil Rights Movement – *watch BrainPOP video on Civil Rights.
					posters, stop after each one and write one notice and one wonder you have.

Tuesday, April	* Finish writing	* Choose the	*Go to Learn Zillion	 * Food Chain – 	*Canvas – Social
IH, 2020	your fairytale in	next subtopic and	and watch the	3.L5A.2 - Watch	Studies – A New
	your writing	begin your research	lesson on "Find the	Magic School Bus	Century
	journal. Practice	 Continue to 	Perimeter of a	Make notes on	eLearning - Civil
	reading it out	use	Polygon with more	how this video	Rights
	loud to someone	Reading Canvas	than 4 Sides" *Get	represents food	Movement – go
	and make any	Course to use the	on IXL and work on	chains.	through the Civil
	corrections.	Power Point	FF 1 – 4 for 15		Rights
	*Review the		minutes and		PowerPoint.
	checklist on		recommendations		*Watch the
	Canvas to make		for $5-10$ minutes		video on slide
	sure you have		TOF 5-10 minutes.		10
	included				*Continue
	everything in				through the rest
	your fairytale.				of the
					PowerPoint.
					*Fill in the
					notes in the
					flip-book.
					*Have someone
					in your house
					ask you the
					questions for
					the Quick Test.
Wednesday,	* Type your	* Continue to	*Go to Learn Zillion	* Food Chain –	the Quick Test. *Get on EPIC
Wednesday, April 15, 2020	* Type your fairytale in	* Continue to research your topic.	*Go to Learn Zillion and watch the	* Food Chain – 3.L5A.2 - Go	the Quick Test. *Get on EPIC and listen to
Wednesday, April 15, 2020	* Type your fairytale in Canvas called	* Continue to research your topic. Remember to	*Go to Learn Zillion and watch the video "Find the	* Food Chain – 3.L5A.2 - Go through	the Quick Test. *Get on EPIC and listen to the book "The
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and	* Continue to research your topic. Remember to synthesize your	*Go to Learn Zillion and watch the video "Find the Perimeter of a	 * Food Chain – 3.L5A.2 - Go through Launchpad to get 	the Quick Test. *Get on EPIC and listen to the book "The Other
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and submit it. Your	* Continue to research your topic. Remember to synthesize your information	*Go to Learn Zillion and watch the video "Find the Perimeter of a square and	* Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery	the Quick Test. *Get on EPIC and listen to the book "The Other Side" by
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and submit it. Your teacher will read	* Continue to research your topic. Remember to synthesize your information * Continue to use	*Go to Learn Zillion and watch the video "Find the Perimeter of a square and rectangle by	* Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery Education. In	the Quick Test. *Get on EPIC and listen to the book "The Other Side" by Jaqueline
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and submit it. Your teacher will read it and make	 Continue to research your topic. Remember to synthesize your information Continue to use Reading Canvas 	*Go to Learn Zillion and watch the video "Find the Perimeter of a square and rectangle by adding side lengths	* Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery Education. In your Tech Book –	the Quick Test. *Get on EPIC and listen to the book "The Other Side" by Jaqueline Woodson. Your
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and submit it. Your teacher will read it and make comments.	 Continue to research your topic. Remember to synthesize your information Continue to use Reading Canvas Course to use the 	*Go to Learn Zillion and watch the video "Find the Perimeter of a square and rectangle by adding side lengths *Go to IXL and	* Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery Education. In your Tech Book – go to Unit 4	the Quick Test. *Get on EPIC and listen to the book "The Other Side" by Jaqueline Woodson. Your teacher has
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and submit it. Your teacher will read it and make comments.	 Continue to research your topic. Remember to synthesize your information Continue to use Reading Canvas Course to use the Power Point 	*Go to Learn Zillion and watch the video "Find the Perimeter of a square and rectangle by adding side lengths *Go to IXL and work on FF 1 – 4	* Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery Education. In your Tech Book – go to Unit 4 Relationships	the Quick Test. *Get on EPIC and listen to the book "The Other Side" by Jaqueline Woodson. Your teacher has assigned it to
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and submit it. Your teacher will read it and make comments.	 Continue to research your topic. Remember to synthesize your information Continue to use Reading Canvas Course to use the Power Point 	*Go to Learn Zillion and watch the video "Find the Perimeter of a square and rectangle by adding side lengths *Go to IXL and work on FF 1 – 4 for	* Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery Education. In your Tech Book – go to Unit 4 Relationships Among Living	the Quick Test. *Get on EPIC and listen to the book "The Other Side" by Jaqueline Woodson. Your teacher has assigned it to you. *After
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and submit it. Your teacher will read it and make comments.	 Continue to research your topic. Remember to synthesize your information Continue to use Reading Canvas Course to use the Power Point 	*Go to Learn Zillion and watch the video "Find the Perimeter of a square and rectangle by adding side lengths *Go to IXL and work on FF 1 – 4 for 15 minutes and	* Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery Education. In your Tech Book – go to Unit 4 Relationships Among Living Things and click	the Quick Test. *Get on EPIC and listen to the book "The Other Side" by Jaqueline Woodson. Your teacher has assigned it to you. *After listening to the
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and submit it. Your teacher will read it and make comments.	* Continue to research your topic. Remember to synthesize your information * Continue to use Reading Canvas Course to use the Power Point	*Go to Learn Zillion and watch the video "Find the Perimeter of a square and rectangle by adding side lengths *Go to IXL and work on FF 1 – 4 for 15 minutes and recommendations	* Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery Education. In your Tech Book – go to Unit 4 Relationships Among Living Things and click on Competition	the Quick Test. *Get on EPIC and listen to the book "The Other Side" by Jaqueline Woodson. Your teacher has assigned it to you. *After listening to the story get on
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and submit it. Your teacher will read it and make comments.	* Continue to research your topic. Remember to synthesize your information * Continue to use Reading Canvas Course to use the Power Point	*Go to Learn Zillion and watch the video "Find the Perimeter of a square and rectangle by adding side lengths *Go to IXL and work on FF 1 – 4 for 15 minutes and recommendations for 5 – 10 minutes.	* Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery Education. In your Tech Book – go to Unit 4 Relationships Among Living Things and click on Competition for Resources	the Quick Test. *Get on EPIC and listen to the book "The Other Side" by Jaqueline Woodson. Your teacher has assigned it to you. *After listening to the story get on Canvas – Social
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and submit it. Your teacher will read it and make comments.	 Continue to research your topic. Remember to synthesize your information Continue to use Reading Canvas Course to use the Power Point 	*Go to Learn Zillion and watch the video "Find the Perimeter of a square and rectangle by adding side lengths *Go to IXL and work on FF 1 – 4 for 15 minutes and recommendations for 5 – 10 minutes.	* Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery Education. In your Tech Book – go to Unit 4 Relationships Among Living Things and click on Competition for Resources (Food Webs)	the Quick Test. *Get on EPIC and listen to the book "The Other Side" by Jaqueline Woodson. Your teacher has assigned it to you. *After listening to the story get on Canvas – Social Studies - A New
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and submit it. Your teacher will read it and make comments.	* Continue to research your topic. Remember to synthesize your information * Continue to use Reading Canvas Course to use the Power Point	*Go to Learn Zillion and watch the video "Find the Perimeter of a square and rectangle by adding side lengths *Go to IXL and work on FF 1 – 4 for 15 minutes and recommendations for 5 – 10 minutes.	* Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery Education. In your Tech Book – go to Unit 4 Relationships Among Living Things and click on Competition for Resources (Food Webs) * Complete the	the Quick Test. *Get on EPIC and listen to the book "The Other Side" by Jaqueline Woodson. Your teacher has assigned it to you. *After listening to the story get on Canvas – Social Studies - A New Century
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and submit it. Your teacher will read it and make comments.	 Continue to research your topic. Remember to synthesize your information Continue to use Reading Canvas Course to use the Power Point 	*Go to Learn Zillion and watch the video "Find the Perimeter of a square and rectangle by adding side lengths *Go to IXL and work on FF 1 – 4 for 15 minutes and recommendations for 5 – 10 minutes.	* Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery Education. In your Tech Book – go to Unit 4 Relationships Among Living Things and click on Competition for Resources (Food Webs) * Complete the Engage section –	the Quick Test. *Get on EPIC and listen to the book "The Other Side" by Jaqueline Woodson. Your teacher has assigned it to you. *After listening to the story get on Canvas – Social Studies - A New Century eLearning – The
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and submit it. Your teacher will read it and make comments.	* Continue to research your topic. Remember to synthesize your information * Continue to use Reading Canvas Course to use the Power Point	*Go to Learn Zillion and watch the video "Find the Perimeter of a square and rectangle by adding side lengths *Go to IXL and work on FF 1 – 4 for 15 minutes and recommendations for 5 – 10 minutes.	* Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery Education. In your Tech Book – go to Unit 4 Relationships Among Living Things and click on Competition for Resources (Food Webs) * Complete the Engage section – make sure you	the Quick Test. *Get on EPIC and listen to the book "The Other Side" by Jaqueline Woodson. Your teacher has assigned it to you. *After listening to the story get on Canvas – Social Studies - A New Century eLearning – The Other Side
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and submit it. Your teacher will read it and make comments.	* Continue to research your topic. Remember to synthesize your information * Continue to use Reading Canvas Course to use the Power Point	*Go to Learn Zillion and watch the video "Find the Perimeter of a square and rectangle by adding side lengths *Go to IXL and work on FF 1 – 4 for 15 minutes and recommendations for 5 – 10 minutes.	* Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery Education. In your Tech Book – go to Unit 4 Relationships Among Living Things and click on Competition for Resources (Food Webs) * Complete the Engage section – make sure you click save when	the Quick Test. *Get on EPIC and listen to the book "The Other Side" by Jaqueline Woodson. Your teacher has assigned it to you. *After listening to the story get on Canvas – Social Studies - A New Century eLearning – The Other Side Questions –
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and submit it. Your teacher will read it and make comments.	 Continue to research your topic. Remember to synthesize your information Continue to use Reading Canvas Course to use the Power Point 	*Go to Learn Zillion and watch the video "Find the Perimeter of a square and rectangle by adding side lengths *Go to IXL and work on FF 1 – 4 for 15 minutes and recommendations for 5 – 10 minutes.	* Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery Education. In your Tech Book – go to Unit 4 Relationships Among Living Things and click on Competition for Resources (Food Webs) * Complete the Engage section – make sure you click save when possible.	the Quick Test. *Get on EPIC and listen to the book "The Other Side" by Jaqueline Woodson. Your teacher has assigned it to you. *After listening to the story get on Canvas – Social Studies - A New Century eLearning – The Other Side Questions – submit your
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and submit it. Your teacher will read it and make comments.	* Continue to research your topic. Remember to synthesize your information * Continue to use Reading Canvas Course to use the Power Point	*Go to Learn Zillion and watch the video "Find the Perimeter of a square and rectangle by adding side lengths *Go to IXL and work on FF 1 – 4 for 15 minutes and recommendations for 5 – 10 minutes.	 Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery Education. In your Tech Book – go to Unit 4 Relationships Among Living Things and click on Competition for Resources (Food Webs) * Complete the Engage section – make sure you click save when possible. 	the Quick Test. *Get on EPIC and listen to the book "The Other Side" by Jaqueline Woodson. Your teacher has assigned it to you. *After listening to the story get on Canvas – Social Studies - A New Century eLearning – The Other Side Questions – submit your answers to the
Wednesday, April 15, 2020	* Type your fairytale in Canvas called First Draft and submit it. Your teacher will read it and make comments.	* Continue to research your topic. Remember to synthesize your information * Continue to use Reading Canvas Course to use the Power Point	*Go to Learn Zillion and watch the video "Find the Perimeter of a square and rectangle by adding side lengths *Go to IXL and work on FF 1 – 4 for 15 minutes and recommendations for 5 – 10 minutes.	 Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery Education. In your Tech Book – go to Unit 4 Relationships Among Living Things and click on Competition for Resources (Food Webs) * Complete the Engage section – make sure you click save when possible. 	the Quick Test. *Get on EPIC and listen to the book "The Other Side" by Jaqueline Woodson. Your teacher has assigned it to you. *After listening to the story get on Canvas – Social Studies - A New Century eLearning – The Other Side Questions – submit your answers to the questions right

Inu sady, Арті 16, 2020	* Go back to where you submitted the first draft of your fairytale on Canvas. *Read your teacher's comments and make any corrections. *Check your spelling and review back over the checklist in Canvas.	 Summarizing multi-paragraphs Watch the video on how to summarize on the Power Point and then go to Canvas – read through the passage about birds Try to write a summary about the text. 	*Go to Learn Zillion and watch the lesson on "Find the Perimeter of a Polygon in real world problems. *Get on IXL and work on FF – 5 for 15 minutes and recommendations for 5 – 10 minutes.	 Food Chain – 3.L5A.2 - Go through Launchpad to get to Discovery Education. In your Tech Book – go to Unit 4 Relationships Among Living Things and click on Competition for Resources (Food Webs) * Complete the Explore section – at the end – complete the exploration. 	*Get on EPIC again and read the book your teacher assigned to you about an Civil Rights leader. *After reading the book, go to Canvas – Social Studies – A New Century eLearning – Civil Rights Discussion
Friday, April 17, 2020	*Type the final draft of your fairytale into Canvas in the fairy tale module called Final Draft.	* Reread over your research that you have collected. Like the example on the Power Point, create a word bank for you research.	Assessment on Mastery Connect for Perimeter	 Food Chain – 3.L5A.2 - Create a food chain model – have someone at home take a picture – or use the camera on the camera on the computer and upload to canvas. * Go to Science Canvas course and click to see how in Module 	*Canvas – Social Studies – A New Century eLearning – Tourism in South Carolina *Go though the PowerPoint and stop after reading slide 6. *Fill in the Cause and Effect Chart. We have completed some, you fill in the rest.

Habitats:

<u>Salt Water</u>: Oceans are large bodies of salt water divided by continents. Since ocean water is constantly moving, the characteristics of the water are constantly changing. The amount of sunlight varies by depth, hence temperature also varies by depth. The amount of salt, other minerals and additives also varies based on what lives within the water and sometimes what pollution has been placed in the water.

- Most organisms live in the shallow portion of the ocean because sunlight can penetrate to keep the water warm, and food is abundant. Some examples of organisms that live in the shallow parts of the ocean are drifters (jellyfish or seaweed), swimmers (fish), crawlers (crabs), and those anchored to the sea floor (corals).
- Some organisms live in the open ocean, near the surface of the ocean, or in the deep ocean bottom. Plankton float in the upper regions of the water. Some organisms swim to the surface for food or air (whales, turtles, dolphins) while other organisms stay closer to the bottom of the ocean (octopus).

Estuaries: Estuaries are found where freshwater rivers and salt water meets. Estuaries are saltier than a river, but not as salty as the ocean. The amount of salt (salinity) changes with the tides. Estuaries contain salt marshes with grasses and marsh plants adapted to this changing water. Examples of animals that live in the estuaries/salt marshes include crabs, shrimp, birds (i.e. blue heron and egrets), and muskrats.

Fresh Water:

- Lakes and ponds are bodies of freshwater that are surrounded by land. Ponds are usually shallower than lakes and the temperature of the water usually stays the same from top to bottom. Plants and algae usually grow along the edges where the water is shallow. Examples of animals that live in fresh water include fish, amphibians, ducks, turtles, or beavers.
- Rivers and streams are moving bodies of water that can be found in warm or cold areas.
- The water in rivers and streams can be fast or slow moving.

o The speed of the water flow determines the types of plants and animals that live in or use the rivers and streams.

o There are many plants (bushes and trees) along the banks as well as plants growing in the water.

o Many animals (i.e. fish, crayfish, snakes, worms, and insects) use these plants for food or shelter.

- Swamps are located in areas with warm temperatures.
 - o Since swamps have thick plant growth such as ferns and reeds, small bushes and small trees do not thrive due to lack of sunlight.
 - o The surviving trees are very tall, reaching for sunlight. Standing water causes the

trunks of the trees to spread out to provide support.

- o For example the cypress, a tree found in the swamp has "knees," or roots that come to the surface for oxygen.
- o The animals that live in the swamp are very adapted to a water environment (i.e. alligators, turtles, ducks, and egrets).

Deserts: are dry with extreme temperature ranges.

- o Some deserts are covered with sand. o In some deserts during the day, it is very hot, whereas the nights are very cold.
- o Most of the plants (i.e. cacti) and animals (i.e. lizards, scorpions, and rabbits) have ways to conserve moisture; are able to go long periods without water; or can withstand the extreme temperature changes.
- o Most of the animals are active during the night when temperatures are cooler.

Grasslands: have fertile soil and are covered with tall grasses.

 They usually get a moderate amount of rain, but less than forests. o Temperatures may also vary depending on where the grassland is located. o Some examples of animals that live in the grasslands are prairie dogs, bison, and grasshoppers.

Forests: Have many trees (with needles or with leaves), shrubs, grasses and ferns, and a variety of animals.

- o They usually get more rain than grasslands.
- o Temperatures in the forests may vary depending on where the forest is located.

Rainforests: Are very humid and warm and have an abundance of rain that leads to lush plant growth (for example, tall trees, vines, ferns, orchids, and other colorful flowering plants).

o Animals that live in the rainforest are often very colorful, to match the varieties of plants (for camouflage)

o Many animals are also tree dwellers (i.e. birds and lizards), moving across the canopy rather than traveling on the ground.

Polar Lands: Are usually very cold and the amount of daylight varies throughout the year.

o Winters are mostly dark with only moonlight and starlight, whereas in the summers, there is up to 24 hours of daylight. There is little variety of plant life (mosses, for example).

o Animals that live in the polar region (for example, reindeer, seals, polar bears, arctic foxes, and penguins) are adapted to these conditions by having extra fat or thick fur for insulation.

Study Guide for Habitats

Salt Water:

_____ are large bodies of salt water divided by continents.

- Most organisms live in the _____ part of the ocean because _____ reaches through, keeping the water warm. This also helps create food.
- Some examples of organisms that live in the shallow parts of the ocean:

drifters (jellyfish or seaweed), swimmers (fish), crawlers (crabs), and those anchored to the sea floor (corals).

• Some organisms live in the ______ ocean, near the surface of the ocean, or in the deep ocean bottom. Plankton float in the upper regions of the water. Some organisms swim to the surface for food or air like whales, turtles, dolphins. Octopus stay closer to the bottom of the ocean.

Estuaries: Estuaries are found where _____water rivers and _____water meets.

This makes them ______ than a river, but not as salty as the ocean. The amount of saly changes with the ______. Estuaries contain salt marshes with grasses and marsh plants adapted to this changing water. Animals that live in estuaries are crabs, shrimp, birds (i.e. blue heron and egrets), and muskrats.

Fresh Water:

• _____ and _____ are bodies of freshwater that are surrounded by land.

Plants and algae usually grow along the edges where the water is ______.

Examples of some animals that live near or in lakes and rivers are fish, amphibians, ducks, turtles, or beavers.

_____ and **streams** are ______ bodies of water that can be found in warm or cold areas.

• The water in rivers and streams can be ______ or slow moving.

o There are many plants (bushes and trees) along the banks as well as plants growing in the water.

o Many animals (i.e. fish, crayfish, snakes, worms, and insects) use these plants for food or shelter.

- _____ are in areas with _____ temperatures.
- Swamps have thick plant growth such as ferns and reeds, small bushes and small trees do not thrive due to lack of sunlight. The surviving trees are very tall, reaching for sunlight. Standing water causes the ______ of the trees to spread out to provide support. Some examples of animals that live in swamps are alligators, turtles, ducks, and egrets.

Deserts: are ______ with extreme temperature ranges. Some deserts are covered with sand.

- In some deserts during the day, it is very _____, whereas the nights are very _____.
- Most of the plants and animals have ways to ______ moisture. They can go a long time without ______ and can handle extreme temperature changes.
- Most ______ are active at night due to cooler temperatures.

Grasslands: have fertile ______ and are covered with tall ______.

• Some examples of ______ that live in the grasslands are prairie dogs, bison, and grasshoppers.

Forests: Have many ______ (with needles or with leaves), shrubs, grasses and ferns, and a variety of animals.

Rainforests: Are very ______ and warm and have an abundance of rain that leads to ______ plant growth. Some examples, tall trees, vines, ferns, orchids, and other colorful flowering plants).

- Animals that live in the rainforest are often very colorful, to match the varieties of plants for ______.
- Many animals are also tree dwellers (i.e. birds and lizards), moving across the canopy rather than traveling on the ground.

Polar Lands: Are usually very ______ and the amount of daylight varies throughout the year.

• Winters are mostly ______ with only moonlight and starlight. In the summers, there is up to ______ of daylight.

There are few types of plant life that can survive, like ______.

• Animals that live in the polar region (for example, reindeer, seals, polar bears, arctic foxes, and penguins) are adapted to these conditions by having extra ______ or thick ______ for insulation.

	Temperature	Water	Light	Plant Life	Animal Life
				(examples)	(examples)
	cold to warm				
	(depending		lots of light near		whales, turtles,
	on the	extremely	the surface, less		sharks, jellyfish,
Oceans	location)	salty	light at depth	plankton	crabs
			Abundant light		
		Brackish	on land surfaces;		Crabs, shrimp,
		(partially	light is filtered	Cordgrass,	water, birds, deer,
Estuaries/Salt	Cold to warm	salty)	through water	tress, shrubs	snails
	Cold to warm		Lots of light near	Algae,	Fish, amphibians,
Lakes and	(depending		the surface, less	shallow	ducks, turtles,
Ponds	on location)	Freshwater	light at depth	water grasses	beavers
			Abundant light		
	Cold to warm		on land surfaces;	Bushes, tress	
Rivers and	(Depending		light is filtered	on banks,	Fish, crayfish, snakes,
Streams	on location)	Freshwater	through water	water plants	insects
			Light is filtered	Cypress	
			through trees to	trees, ferns,	Alligators, water,
Swamps	Warm-hot	Freshwater	the swamp floor	water lilies	birds, turtles
	Hot and drv	Dry, water in			
	, during the	the form of			
	day, cold at	occasional			Lizards, scorpions,
Deserts	night	brief rainfall	Abundant light	Cactus	rabbits
	Cool to warm	Medium			
	(depending	amount of			Prairie dogs, bison,
Grasslands	on location)	rain	Abundant light	Grasses	grasshoppers
			Abundant light		
			on tree canopy,	Trees with	
			less light is	leaves or	
	Cold to warm	Medium	filtered to the	needles,	
	(Depending	amount of	forest floor	shrubs,	Birds, foxes, rabbits,
Forest	on location)	rain	through the trees	grasses, ferns	bears, snakes, deer
			Abundant light		
			on tree canopy,		
			less light is		
		Frequent	filtered to the	Abundant	
Tropical	Hot and	rain; large	forest floor	trees, vines,	Birds, frogs,
Rainforest	humid	amounts	through the trees	lush growth	monkeys, snakes
			Amount of		
			daylight caries		
			throughout the	Lichens,	Seals, polar bears,
Polar lands	cold	Dry/frozen	year	mosses	penguins

Food Chains:

- All organisms need energy to survive. Energy gives the organism its ability to do the things it needs to do to survive. In most habitats, the sun provides the initial energy for the plants, which is passed from plants (producers) to animals (consumers) when animals eat the plants.
- Producers get their energy from the sun. Examples of these are plants.
- Consumers get their energy from eating other plants and/or animals. Examples of these are animals.
- A decomposer gets its energy from decomposing, or breaking down, producers. Some examples of these are earthworms and mold.
- When scientists describe the way energy is passed from one organism to another they use a model called a *food chain*.
- A food chain uses arrows to show the direction of energy flow and usually contains no more than six organisms.
- Specific consumers (herbivores, carnivores, omnivores) A herbivore is an animal that eats only plants.
- A carnivore is an animal that eats only meat.
- An Omnivore eat both plants and animals. Humans are typically omnivores.
- If one part of the food chain disappeared the whole food chain would slowly disappear.

Food Chain Study Guide

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