

Hays CISD Home Learning



Koonce

Pre-AP Biology

Week of: May 18, 2020

Semana:

Office Hours/

Horas de oficina: 2:00-3:00 PM, See Google Classroom for link; Office hours on Tuesday this week are cancelled. Please come to a different day or email me if you have questions.

Announcements and Important Links/

Anuncios y enlaces importantes:

Pre-AP Biology

Week of: May11- May 15
No new assignments this week. If you have any incomplete home learning assignments, please complete those this week.
I have enjoyed teaching you all this year. I wish that I could see each of you in person to say goodbye!

Week of: May11- May 15			
Day/ Día	Objectives/ Objetivos	Activities/ Actividades	Other Resources/ Otros Recursos
Monday/ Lunes	We will research and learn about the different types of invasive species and the impacts on the ecosystem they invade OR	1.Read over the two menus provided to help you decide which project you will complete 2. Make your selection between the two choices	Biology Home Learning Week of 5/11

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	research a bioethical dilemma of your choice and create a poster or Google Slideshow to present both sides of the issue	provided (Invasive Species Project or Bioethics Project) 3. Complete the task on the menu for Monday	
Tuesday - Friday <i>Martes - Viernes</i>	We will research and learn about the different types of invasive species and the impacts on the ecosystem they invade OR research a bioethical dilemma of your choice and create a poster or Google Slideshow to present both sides of the issue	Complete the task on the menu for each day of the week	Biology Home Learning Week of 5/11

Week of: 5/4/2020			
Day/ <i>Día</i>	Objectives/ <i>Objetivos</i>	Activities/ <i>Actividades</i>	Other Resources/ <i>Otros Recursos</i>
Monday/ <i>Lunes</i>	Describe the flow of carbon through the carbon cycle and explain the consequences of disrupting this cycle.	Watch a video, answer analysis questions, draw and describe the carbon cycle.	Learning/assignment menu for 5/4- 5/8
Tuesday/ <i>martes</i>	Describe the flow of carbon through the carbon cycle and explain the	Read a NASA article and answer questions.	Learning/assign

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	consequences of disrupting this cycle.		ment menu for 5/4- 5/8
Wednesday/ miercoles	Describe the flow of nitrogen through the nitrogen cycle and explain the consequences of disrupting this cycle.	Watch a video, answer analysis questions,	Learning/assignment menu for 5/4- 5/8
Thursday/ jueves	Describe the flow of nitrogen through the nitrogen cycle and explain the consequences of disrupting this cycle.	Draw and describe the nitrogen cycle.	Learning/assignment menu for 5/4- 5/8
Friday/ viernes	Describe how environmental change can impact ecosystem stability.	Threats to Ecosystem Stability Reading & Questions	Learning/assignment menu for 5/4- 5/8

Week of: 4/27/2020

Day/ Dia	Objectives/ Objetivos	Activities/ Actividades	Other Resources/ Otros Recursos
Monday/ Lunes	We will interpret symbiotic relationships between organisms.	Notes and questions on PearDeck (see assignment menu)	Learning/assignment menu for 4/27-5/1
Tuesday/ martes	We will interpret predation and competition relationships between organisms.	Slideshow notes with videos and activity.	Learning/assignment menu for 4/27-5/1
Wednesday/ miercoles	We will demonstrate our understanding of relationships between organisms.	Quiz (Google Forms)	Learning/assignment menu for 4/27-5/1
Thursday/ jueves	Describe how events and processes that occur during ecological succession can change populations and species diversity.	<u>Succession assignment</u> , Part 1- research and draw out the steps of primary and secondary succession.	Learning/assignment menu for 4/27-5/1

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Friday/ viernes	Describe how events and processes that occur during ecological succession can change populations and species diversity.	<u>Succession assignment</u> , <u>Part 2-</u> answer questions about the events that occur during succession	<u>Learning/assignment menu for 4/27-5/1</u>
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Week of: 4/20/2020			
Day/ Dia	Objectives/ Objetivos	Activities/ Actividades	Other Resources/ Otros Recursos
Monday/ Lunes Carried over from last week's menu	We will Analyze the flow of matter and energy through trophic levels using various models, including food chains, food webs, and ecological pyramids.	https://www.texasgateway.org/resource/relationships-between-organisms-food-chains-webs-and-pyramids You will complete the second half of this activity today and record your answers on this Google Form .	<u>Learning/assignment menu for 4/20-24</u>
Tuesday/ martes	We will create a food web and energy pyramid when given organisms and what they eat.	<u>Food Web & Energy Pyramid Assignment</u>	<u>Learning/assignment menu for 4/20-24</u>
Wednesday/ miercoles	We will create a food web and energy pyramid when given organisms and what they eat.	<u>Food Web & Energy Pyramid Assignment</u>	<u>Learning/assignment menu for 4/20-24</u>
Thursday/ jueves	We will read an article about biomass and answer questions.	<u>Biomass Article & Questions</u>	<u>Learning/assignment menu for 4/20-24</u>
Friday/ viernes	We will read an article about ecology and analyze the content using the QCER method.	<u>Ecology Article QCER</u>	<u>Learning/assignment menu for 4/20-24</u>

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Week of: 4/14/2020			
Day/ Día	Objectives/ Objetivos	Activities/ Actividades	Other Resources/ Otros Recursos
Monday/ lunes	Student Holiday	Student Holiday	Student Holiday
Tuesday/ martes	We will compare adaptation of organisms in different biomes	Comparing adaptations that organisms make in each biome	Learning/assignment menu for 4/14-4/20
Wednesday/ miercoles	We will analyze the flow of matter and energy through trophic levels using ecological pyramids.	Energy Pyramid Notes PearDeck	Learning/assignment menu for 4/14-4/20
Thursday/ jueves	We will analyze the flow of matter and energy through trophic levels using food webs and food chains.	Food Web/Food Chain Notes PearDeck	Learning/assignment menu for 4/14-4/20
Friday/ viernes	We will Analyze the flow of matter and energy through trophic levels using various models, including food chains, food webs, and ecological pyramids.	Energy Flow and Energy Pyramids on Texas Gateways	Learning/assignment menu for 4/14-4/20

Week of: April 6-9, 2020			
Day/ Día	Objectives/ Objetivos	Activities/ Actividades	Other Resources/ Otros Recursos
Monday/ lunes	We will review basic information about ecosystems.	Watch an introduction to ecology video and take a short quiz.	Learning/assignment menu for this week

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Tuesday/ martes	We will define ecology vocabulary and provide examples of each.	Choose a menu option.	Learning/assignment menu for this week
Wednesday/ miercoles	We will create a graphic of all the levels of organization from smallest to largest. Include each level's name, a brief description, and a picture for each level. (Atoms-Biosphere)	Choose a menu option.	Learning/assignment menu for this week
Thursday/ jueves	Describe characteristics of biomes and compare multiple biomes	Choose a menu option.	Learning/assignment menu for this week
Friday/ viernes	Good Friday, no assignment		