Schoology Home

Mrs. Gupte
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ASSIGNMENTS: CHAPTER 5
Evolution of Biodiversity
Modules 14-17

Module 14 (Biodiversity of Earth)
Module 15 (Evolution)
Module 16 (Speciation)
Module 17 (Niches, Distribution)

Apes Half credit course overview

8.Week of - Nov 4th - Nov 10		
Wednesday Synchronous meeting **All remote ***	**At school agenda** Engage/Explore/Explain/ Elaborate/Evaluate	**Remote** / At home
Use following link / or PIN # to meet at your scheduled class time today- Use the following Google meet link OR PIN # for today's class	**Agenda-** Sub today.	**Agenda for Asynchronous learning / due dates** - Reach ch: 6 and take notes on

https://meet.google.com/yfm-enyo-fbf
Dial-in: (US) +1 650-735-3513
PIN: 570 237 709#

This week's objectives -

Ch 5 test this week

Coming up in week 9…
Objectives for ch 6 & 7 -

Chapter 6, Module 18: The Abundance and Distribution of Populations
- Explain how nature exists at several levels of complexity (organism, population, community, ecosystem, biosphere)
- Discuss the characteristics of populations (size, density, distribution, sex ratio, age structure)
- Contrast the effects of density-dependent vs. density-independent factors on population growth

Chapter 6, Module 19: Population Growth Models
- Explain the exponential growth model of populations, which produces a J-shaped curve
- Describe how the logistic growth model

Please use this web address to access the same material just in case schoology doesn't open for you. (its case sensitive)

bit.ly/AHS_APES ← bookmark this

1. **Ch 5 : Evolution of biodiversity test today.**

Mrs. Cutler will swing by the classroom. If you have any last moments questions then please get it clarified by Mrs. Cutler.
Thanks Mrs. Cutler!!
Good luck with the test.

2. Write your first name and the last name on 'Dilution effect' assignment. Please leave it on the front table for the person in the classroom to collect.

3. Read ch 6: Population and Community Ecology

Module 18: The Abundance and Distribution of Populations

Module 19: Population Growth Models

Read and take notes.

- Module 20, module 21

Module 20: Community Ecology

Module 21: Community Succession

Watch: Zombie Parasites (13 min)

Ecological Succession, types of succession

Mt. St. Helens video

Aquatic succession video

incorporates a carrying capacity and produces an S-shaped curve - Compare the reproductive strategies (r-strategists vs K-strategists) and survivorship curves of different species - Explain the dynamics that occur in metapopulations **Chapter 6, Module 20: Community Ecology** - Identify species interactions that cause negative effects on one or both species and give examples - Discuss species interactions that cause neutral or positive effects on both species and give examples - Explain the role of keystone species and give an example of a keystone species **Chapter 6, Module 21: Community Succession** - Explain the processes of primary and secondary succession - Explain the process of aquatic succession - Describe the factors that determine the species richness of a community -	4. After reading these two modules please check schoology to post your responses on the Discussion board. (**Important** - will be counted as class participation.)		
Agenda for the day - - Clarifying questions? - Prepare for the test - Ch 5 review	**Day you are at school-** Assignments/ Homework 1. Read Module 18,	**Due dates** 1. Due Next class	Technology tools by task **Additional resources** - Keystone species and trophic cascade 19 min

Announcement : Mrs. Gupte will not be in the classroom in person for the next two weeks. However google meets will be held at scheduled class times. Please use google meet info posted above.	module 19 and take notes 2. Post responses on the discussion board.	2. Due as soon as you can before next class.	Case Study - Marten (Parts I and II)
	Watch:Bozeman video: Population Ecology (12 min)		
	Zombie Parasites (13 min)		
Homework assigned on Wednesday- Due on **Study for the ch 5 test** Ch 5 Evolution of Biodiversity - study guide by Mrs. Gupte			

Additional resources-

- **AHS Hybrid school calendar**
- **AHS bell schedule**
- **District Wide academic year 2020-2021calendar**

AHS school calendar till midterm - Each week begins on Wednesday.

1.Week of **Sep 16th -Sep 22nd**	10.Week of Nov **18th -Nov 24th**
2..Week of **Sep 23 - Sep 29th**	11.Week of Nov **25th - Dec 1st** Nov 25th/ Wednesday/ Early release-Thanksgiving
3.Week of **Sep 30- Oct 6th**	12. Week of **Dec 2nd- Dec 8th**
4.Week of **Oct 7th - Oct 13th** Oct 9th/ Friday No school: Student/ Teachers PD Oct 12th /Monday Columbus day -No school	13. Week of **Dec 9th - Dec 15th** Dec 9th/ Wednesday/ Early release day
5.Week of **Oct 14 - Oct 20 th**	14.Week of **Dec 16th - Dec 22nd** Dec 24th to Jan 2nd - No school/ Holiday Recess
6.Week of **Oct 21- Oct 27st**	15. Week of **Jan 4th and 5th**
7.Week of **Oct 28nd - Nov 3rd** Nov 3rd/ Tuesday- No school / Conference day	16. Week of **Jan 6th- Jan 12th**
8.Week of **Nov 4th - Nov 10th**	17. Week of **Jan 13th -Jan 19** Jan 18th/ Monday / Martin Luther King day - No school
9.Week of **Nov 11th - Nov 17th**	18. Week of **Jan 20th -Jan 26th**

Midterm EXAM SCHEDULE

Jan 27 Exam / Wednesday	Feb 1st Exam / Monday Tuesday
Jan 28th Exam / Thursday	Feb 2nd Exam /

Jan 29th / Friday - No school / Teacher PD	