**AP BIOLOGY 2021-22 March 24, 2022**

**Today’s Agenda (Day 129)**

1. Housekeeping Items

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1. Homework Check:

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1. Class Activity:

🡪 **TEST: Chapters 52 & 53**

**\*Go to** **[www.socrative.com](http://www.socrative.com) 🡪 enter room “MSBAPBIO” 🡪 enter ID #**

🡪FRIDAY: Chapters 54 PPT Review

1. Section 54.1 – Community interactions are classified by whether they help, harm, or have no effect on the species involved
2. Section 54.2 – Diversity and trophic structure characterize biological communities
3. Section 54.3 – Disturbance influences species diversity and composition
4. Section 54.4 – Biogeographic factors affect community diversity
5. Section 54.5 - Pathogens alter community structure locally and globally

HOMEWORK:

* READ: Chapters 52 – 55, 43, 45, 49, 50
* STUDY: Chapter 52 & 53 Test

Chapters 54

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| Aposematic | Batesian mimicry | Biomanipulation | Biomass | Bottom-up model | Character displacement |
| Commensalism | Community | Competitive exclusion | Disturbance | Dominant species | Ecological niche |
| Ecological succession | Ecosystem engineers | Ectoparasite | Endoparasite | Energetic hypothesis | evapotranspiration |
| Facilitation | Food web | Herbivory | Host | Intermediate disturbance hypothesis | Interspecific competition |
| Interspecific interactions | Invasive species | Keystone species | Mullerian mimicry | Mutualism | Nonequilibrium model |
| Parasite parasitism | Pathogens | Predation | Primary succession | Relative abundance | Secondary succession |
| Shannon diversity | Species diversity | Species richness | Species-area curve | Symbiosis | Top-down model |
| Trophic structure | Vector | Zoonotic pathogens |  |  |  |
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Chapters 55

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| Biogeochemical cycles | Biological augmentation | Bioremediation | Detritivores | Detritus | Gross primary production (GPP) |
| Law of conservation of mass | Limiting nutrient | Net ecosystem production (NEP) | Net primary production (NPP) | Primary consumers | Primary producers |
| Primary production | Production efficiency | Secondary consumers | Secondary production | Tertiary consumers | Trophic efficiency |
| Turnover time |  |  |  |  |  |

REMINDERS:

* **QUIZ: Chapter 52 & 53 Vocabulary – March 23**
* TEST: Ch 52 & 53 🡪 March 24
* TEST: Ch 54 & 55 🡪 March 31
* **QUIZ: Chapter 54 & 55 Vocabulary – March 30**