


Day 15 - Biology - 9-17-24 to 9-18-24


CLASSWORK – Populations

Populations

- Population: a group of organisms of the same species that live within a given area
- Key characteristics:
 - Growth Rate
 - Population density
 - Dispersal Patterns
 - Life-History Patterns

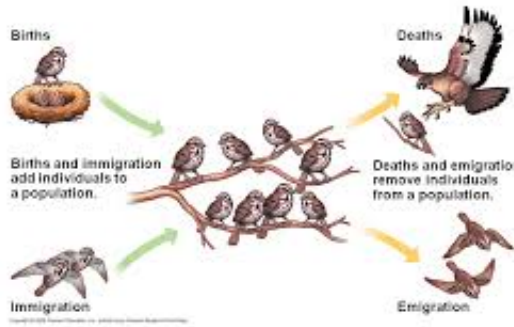


Ostriches are nomadic, wandering in small groups.



Aspen trees are quick to pioneer areas that have been disturbed by fire.

Population dynamics



The diagram illustrates population dynamics with a central group of birds on a branch. Green arrows labeled 'Births' and 'Immigration' point towards the group, with the text 'Births and immigration add individuals to a population.' Yellow arrows labeled 'Deaths' and 'Emigration' point away from the group, with the text 'Deaths and emigration remove individuals from a population.'

1) READ/OUTLINE: (30 min)

a) Take summary notes (skim) OpenStax text: 25.1 :

<https://flexbooks.ck12.org/cbook/ck-12-college-human-biology-flexbook-2.0/section/25.1/primary/lesson/case-study%3a-human-population-trends-chumbio/>

b) Outline Openstax text 25.2 :

<https://flexbooks.ck12.org/cbook/ck-12-college-human-biology-flexbook-2.0/section/25.2/primary/lesson/introduction-to-human-populations-chumbio/>

2) VIDEO NOTES: (24 min)

Watch videos on your individual Chromebooks/phones (using your earbuds).

a) Population Ecology – Crash Course

<https://www.youtube.com/watch?v=RBOsqmBQBQk&pp=ygUScG9wdWxhdGlvbiBIY29sb2d5>

b) Population Ecology - Bozeman

<https://www.youtube.com/watch?v=PQ-CQ3CQE3g&pp=ygUScG9wdWxhdGlvbiBIY29sb2d5>

3) HOMEWORK:

(If you can - Try to complete the homework assignment before leaving class.)

1) Complete the **Outline/Read** assignment

2) Finish the **Video Notes**.

Submit on Schoology as soon as completed.