


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

WARMUP (15 min) – Populations


NO CELL PHONES, EARBUDS, HEADPHONES – Submit on Schoology after completing.

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

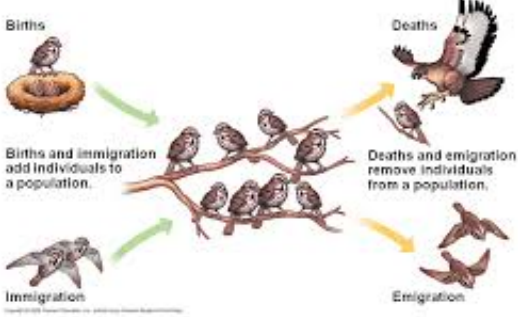


Ostriches are nomadic, wandering in small groups.



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 central group, with the text 'Births and immigration add individuals to a population.' Yellow arrows labeled 'Deaths' and 'Emigration' point away from the central group, with the text 'Deaths and emigration remove individuals from a population.'

- 1) Estimate the approximate area of our Rm 310 classroom in meters? (length x width)
- 2) Count the number of people in our classroom (students plus one teacher)?
- 3) Calculate the population density of our classroom? (number of people / area of classroom)