

# Preview for Lecture Assignment

## #9: Population Change

1. Watch Video.
2. Answer Questions.
3. Write a Summary. Other Options: If you are a visual learner, you are welcome to draw out your summary. If you are an auditory learner, you are welcome to record a verbal summary and submit it electronically.
4. Submit this in the first 5 minutes of class in the lecture we cover this content. Or submit electronically on Canvas before the start of class.

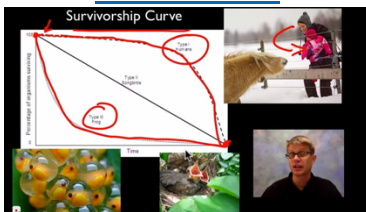
### Chapter 19 (all of it)

Or

These Videos:

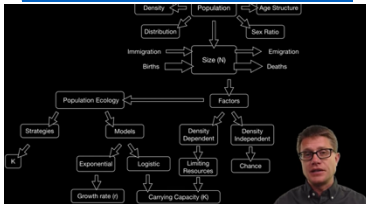
Vid#1: (Time: 7:07)

<https://www.youtube.com/watch?v=Bu6ouKt9zhs>



Vid#1: (Time: 12:09)

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



### Questions:

1. Vid1: What are the 2 growth curves and their major differences. Draw them.

Name:	Name:
Draw:	Draw:
Differences:	

2. Vid1: What is carrying capacity:

3. Vid 1: What is the difference between R and K selected species?

R Selected Species	K selected Species

4. Vid 2: What does Density Dependent mean for a population?

5. Vid2: What are the factors that population ecologist examine? And give a basic explanation of what each are. In the video he is talking about a rabbit population.

Pop. Size (n)			

6. Vid2: Around 9:52 he talks about lynx and hare populations. What did you learn about these species interacting?

## Fill in the blanks:

