

## Biology Midterm District Exam

The following is a breakdown of the number of questions and content that will be on the Biology Midterm District Exam.

Directions: Please, review the content and Initial that you have reviewed. This sheet will be collected the day prior to the midterm exam.

Name \_\_\_\_\_

Number of Questions	Topic - TESTED	Completed Review Date & Initials
11	<b>SC.912.L.18.1 – Describe the structure and function of the four macromolecules</b>	
9	SC.912.L.14.2- Explain the processes of Passive and Active Transport	
8	<b>SC.912.L.14.3 - Describe Cell Structures &amp; Functions</b>	
6	SC.912.L.16.5 -Explain the basic processes of transcription & translation	
4	<b>SC.912.L.16.16 - Describe the process of meiosis</b>	
4	SC.912.N.1.1- Steps of Scientific investigation	
3	<b>SC.912.L.16.1 - Discuss observed inheritance patterns caused by various modes of inheritance, including dominant, recessive, co-dominant, sex-linked, polygenic, and multiple alleles</b>	
3	SC.912.L.16.14 - Describe the cell cycle	
3	<b>SC.912.L.16.17 - Compare and contrast mitosis &amp; meiosis</b>	
2	SC.912.L.16.2- Analyze patterns of inheritance (Mendel's Laws)	
2	<b>SC.912.L.16.3 - Describe the basic process of DNA replication</b>	
2	SC.912.L.16.4 - Explain how mutations in the DNA sequence may or may not result in phenotypic change	
2	<b>SC.912.L.18.12 - Describe the four properties of water</b>	
1	SC.912.L.14.4 - Compare & contrast structure & function of various types of microscopes	
1	<b>SC.912.L.14.1- cell theory</b>	
1	SC.912.L.16.6 - Describe the purpose of DNA	
1	<b>SC.912.L.16.8 - Explain the relationship between mutation, cell cycle, &amp; uncontrolled cell growth potentially resulting in chance</b>	
1	SC.912.L.18.11- explain the role of enzymes as catalysts that lower the activation energy	
1	<b>SC.912.N.3.1 - Explain scientific theory</b>	

Resources: <https://ecsd-fl.schoolloop.com/BiologyEOCReview>