

Disease, Disorders & Conditions

Unit 3: Animals; Structure and Function – Culminating Unit Task

Your Task:

1. Choose a disease, disorder or condition that primarily affects either the digestive, respiratory or circulatory systems. You may also choose to use this as an opportunity to expand your knowledge and understanding of genetics by choosing a condition that has a component of genetic inheritance. You can include this information in your project to help demonstrate your understanding of the connection between these two units. This may include hemophilia, lactose intolerance, or cystic fibrosis.
2. Describe what occurs within this system when this disease, disorder or condition is present. Include a summary of the symptoms and prognosis for the patient.
3. Outline how this disease, disorder or condition is diagnosed and treated.
4. Choose a format to present your project. This can be a report, brochure, presentation, diorama, video, ect. **NOTE: THE ONLY RESTRICTION IN PRESENTATION FORMAT IS THAT IF YOU CHOOSE TO DO A POWERPOINT PRESENTATION YOU MUST PRESENT IT TO THE CLASS.**

NOTE: THE INFORMATION YOU PRESENT MUST ALSO DEMONSTRATE A GOOD UNDERSTANDING OF THE TERMS AND CONCEPTS COVERED IN CLASS. SIMPLY RESEARCHING THE DISEASE, DISORDER OR CONDITION AND PRESENTING THIS NEW INFORMATION IS NOT THE INTENTION OF THIS TASK. YOU SHOULD INCORPORATE AS MUCH OF THE INFORMATION PRESENTED IN CLASS AS POSSIBLE TO HELP DEMONSTRATE YOUR UNDERSTANDING.

Your project will be assessed as follows:

1. Description of the effect of the disease, disorder or condition on the body.
 - Symptoms are well outlined
 - Prognosis (outcome) for patient is included
 - THE TERMS AND CONCEPTS COVERED IN CLASS THAT ARE RELATED TO THIS SYSTEM ARE INCLUDED!
 - **THERE IS A CLEAR UNDERSTANDING OF THE STRUCTURE AND FUNCTION OF THE OVERALL SYSTEM**
 - Good scientific communication skills are used

_____/ 30

2. Outline of how the disease, disorder or condition is diagnosed and treated
 - Both diagnosis and treatment are included in the outline
 - Good scientific communication skills are used

_____/10

Total: ____/40