

Activity 6.1.1 Name That Part**Purpose**

You have studied several systems within the body of the animal including the respiratory, circulatory, and digestive systems. Each system performs an essential activity in the body. While reproductive ability does not affect the daily life of the animal, reproduction is critical to a species sustainability and animal agriculture production.

Reproduction is often the limiting factor in profitability of a livestock enterprise. In order to determine the cause of reproductive success or failure, you must be familiar with the basic anatomy and physiology of the reproductive system. The parts of the male and female reproductive systems have distinct functions. Do you know the similarities and differences between the male and female reproductive systems?

Materials**Per student:**

- Agriscience Library
- *Modern Livestock and Poultry Production* textbook
- 10 colored pencils
- Pencil
- *Agriscience* Notebook

Procedure

In this activity, you will identify the anatomy and physiology of the female and male reproductive tracts. You will find the location of each organ of the male and female reproductive systems and label the organs on a diagram. Next, you will learn the function of each part by reading pages 200-204 of Chapter 10 Animal Reproduction in your classroom text, *Modern Livestock and Poultry Production*.

Part One – Labeling Reproductive Systems

1. Review the diagrams in *Activity 6.1.1 Student Worksheet* to familiarize yourself with the reproductive anatomy of a bull and a cow.
2. Label the organs in the list that you know. Use a pencil to allow for corrections.

Female Reproductive Parts

Ovary
 Infundibulum
 Bladder
 Cervix
 Fallopian tube (oviduct)
 Rectum
 Uterine body (uterus)
 Uterine horn
 Vagina
 Vulva

Male Reproductive Parts

Sheath
 Penis
 Cowper's gland
 Epididymis
 Prostate gland
 Retractor muscle
 Scrotum
 Seminal vesicles
 Sigmoid flexure
 Testicles
 Vas deferens

Name: _____

Activity 6.1.1 Student Worksheet

Table 1. Female Reproductive Organs

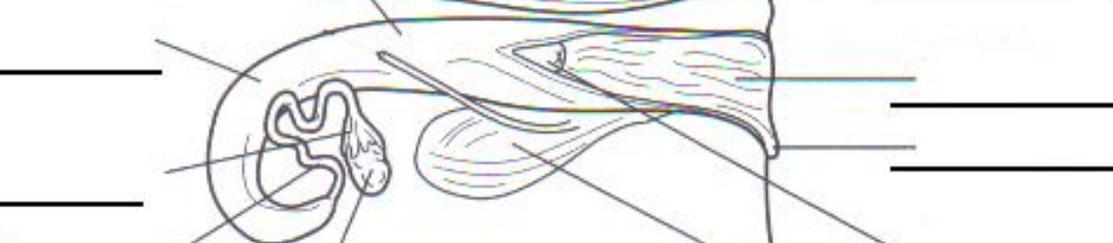
	Organ	Function
 _____	Ovary	
 _____	Infundibulum	
 _____	Fallopian tube (oviduct)	
 _____	Uterine horn	
 _____	Uterine body	
 _____	Cervix	
 _____	Vagina	
 _____	Vulva	

Table 2. Male Reproductive Organs

	Organ	Function
	Scrotum	
	Testicles	
	Epididymis	
	Vas deferens	
	Seminal vesicles	
	Prostate gland	
	Cowper's gland	
	Penis	
	Sigmoid flexure	
	Retractor muscle	
	Sheath	

