# Lesson Three: Reproductive Anatomy

## Student Learning Objectives

The student will be able to …

1. Locate and name at least 80% of the parts of the male and female reproductive systems.

2. Describe the path of an egg (ovum) during menstruation. Describe the path of a sperm during ejaculation.

3. Understand there is a wide range of "normal" anatomy.

## Agenda

1. Discuss the purpose of the lesson.

2. Brainstorm with the class about body parts.

3. Use Reproductive System Visuals 1-6 to continue reviewing the male and female reproductive systems including the location and function of each part.

4. Lead the activity labeling parts of the reproductive system.

5. Assign homework.

| **Male** |
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| **Name of Part:** | **What it is/What it does** |
|---|---|
| Penis | Allows passage of urine and semen |
| | Provides sensation (has many nerve endings) |
| Foreskin | Protects the glands of the penis |
| | Provides sensation |
| | Males who've been circumcised don't have one |

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| Scrotum | Muscular sac which holds testes |
| | Shorter when cold, longer when warm |
| | Controls temperature |
| | Provides sensation |

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| Testes | Produce sperm and sex hormones |
| | Each is made of 500-1200 feet of tightly coiled tubes |

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| Epididymis | Allows maturation of sperm |

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| Spermatazoan | Cell from a man (commonly called "sperm" |
| | They carry strings of genes (called chromozones or DNA instructions in case the sperm cell meets with an egg and fertilizes it |

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| Spermatic Cords | Suspend from the testes |
| | Supply blood to the testes |
| | Provide sensation |
| | Carry sperm from the testes |

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| Vas Deferens | Provides storage for the sperm |
| | Allow passage of sperm |
| | As big around as sewing thread |
| | They lead into the abdomen, where the widen into storage sacs |

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| Seminal Vesicles | Contribute sugar to semen for nourishing the sperm |

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| Semen | Helps sperm live longer and travel better |
| | About a teaspoon full per ejaculation |

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| Prostate Gland | Produces most of the fluid the makes ups sperm |

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| Cowper's Gland | Pair of glands that produce fluid called pre-ejaculate that cleanses the urethra of acid (from urine) to protect the sperm |

**Female**

| Name of Part: | What it is/What it does |
|---|---|
| Uterus | Houses and protects embryo/fetus/baby |
| | Allows nutrient & waste exchange with placenta |
| | Nourishes embryo, before a placenta grows |
| Cervix | Bottom section of the uterus |
| | Produces fluids to help sperm travel |
| | Produces a mucous plug to keep germs out during pregnancy |
| Vagina | Allows passage of sperm |
| | Produces fluids to cleanse and lubricate itself and to help sperm travel |
| | Allows passage of shed endometrium during menstruation |
| | Allows passage of baby |
| | Provides sensation (has many nerve endings) |
| Hymen | Membrane partly covering vaginal opening |
| | Some girls are born w/o |
| Ova/Egg | Carry strings of genes called chromosomes which mix chromosomes of sperm to direct fetal development if fertilized and implanted in the uterus |
| | They dissolve in the Fallopian Tube after about 24 hours if not fertilized |
| Ovaries | Provide storage for the ova/egg |
| | Allow maturation of the ova/egg |
| | Produce sex hormones |
| Fallopian Tubes | Allow passage of ova toward uterus |
| | Allow passage of sperm from uterus |
| Fimbria | Guides a mature ovum when it is released from an ovary into the fallopian tube |
| | Fringe like/finger like outer ends of the fallopian tubes |

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| Vulva | Protect openings of urethra and vagina as eyelids protect eyes |
| | Provide sensation |

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|---|---|
| Clitoris | Provides sensation |

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| Clitoral Hood | Protects the glans of the clitoris |
| | Provides sensation |

**Male & Female**

| **Name of Part:** | **What it is/What it does** |
|---|---|
| Pelvis | Bowl shaped bone structure that supports and protects the internal reproductive organs |
| | Men's and women's pelvises are shaped differently so that a women can give birth |
| Bladder | Provides storage for urine |
| | Not part of the reproductive system |
| Urethra | Allows passage of urine |
| | In males allows passage of semen, the tube inside the penis |
| | In females, it is below the clitoris but above the opening to the vagina |
| Anus | Allows passage of bowel movement |
| | Provides sensation (has many nerve endings) |
| | Not part of the reproductive system |