

General Vocab

Puberty= period of juvenile development when sex organs activate & begin production of sex cells & sex hormones

Gamete = sex-cell = sperm/egg

Amniotic Sac=membrane enclosure that surrounds & protects developing fetus in womb (uterus)

Amniotic Fluid= sterile fluid produced by amniotic sac that provides shock barrier & stable temperature environment for developing fetus

Placenta= structure composed of fetal & maternal capillaries that allow for exchange of gases, nutrients, & wastes between mother and developing fetus

Umbilical Cord= cord of arteries, veins & connective tissues that attaches developing fetus to placenta

Female Anatomy

Fallopian Tubes= conduct egg/ovum to uterus= site of fertilization

Ovary= produces female gametes/sex cells/ova & sex hormones

Uterus= site of implantation of embryo and development of embryo/fetus

Cervix= narrow neck or opening of uterus

Urethra= tube that connects to bladder and allows for discharge of

Vagina= entrance from outside of

Male Anatomy

Testis= site of sperm & testosterone production

Scrotum= sac that hold testes outside of males body wall

Seminiferous tubules= part of testis that conducts newly produced sperm to epididymus

Epididymis= cap on top of testis that stores mature sperm

Seminal vesicle= contributes fluids to semen

Penis= male sex appendage used for inserting semen into female vagina

Sperm= male gamete or sex cell

Semen= sperm & fluid part of ejaculate all together

Vas deferens= tube that conducts sperm from epididymis to urethra

Prostate gland= adds fluids to semen

Reproductive System

Fertilization & Develop

Zygote: Fertilized egg (approx.. first 24 hours of life)

Blastocyst: hollow ball of cells, gastrula, three layers

First Trimester- First 10 weeks

-embryo -8 weeks

-fetus -after 8 weeks

-All major body organs & systems formed but not developed

Second Trimester 11-30 weeks

-Fetus moves, kicks, swallows

-Skin changes, fine hair

Third Trimester

-Head grows larger

-Begins developing own immune system

-Responds to light around

-Birth

16.13