



# **CHANGES: BECOMING A MAN**

## **6<sup>TH</sup> GRADE BOYS**

**THE MISSION OF POLK COUNTY SCHOOLS IS TO PROVIDE A HIGH  
EDUCATION FOR ALL STUDENTS.**



# 6<sup>th</sup> grade EXPECTATIONS



**C** Conversation: Level 0 while teaching.

**H** Help: Yes, raise your hand.

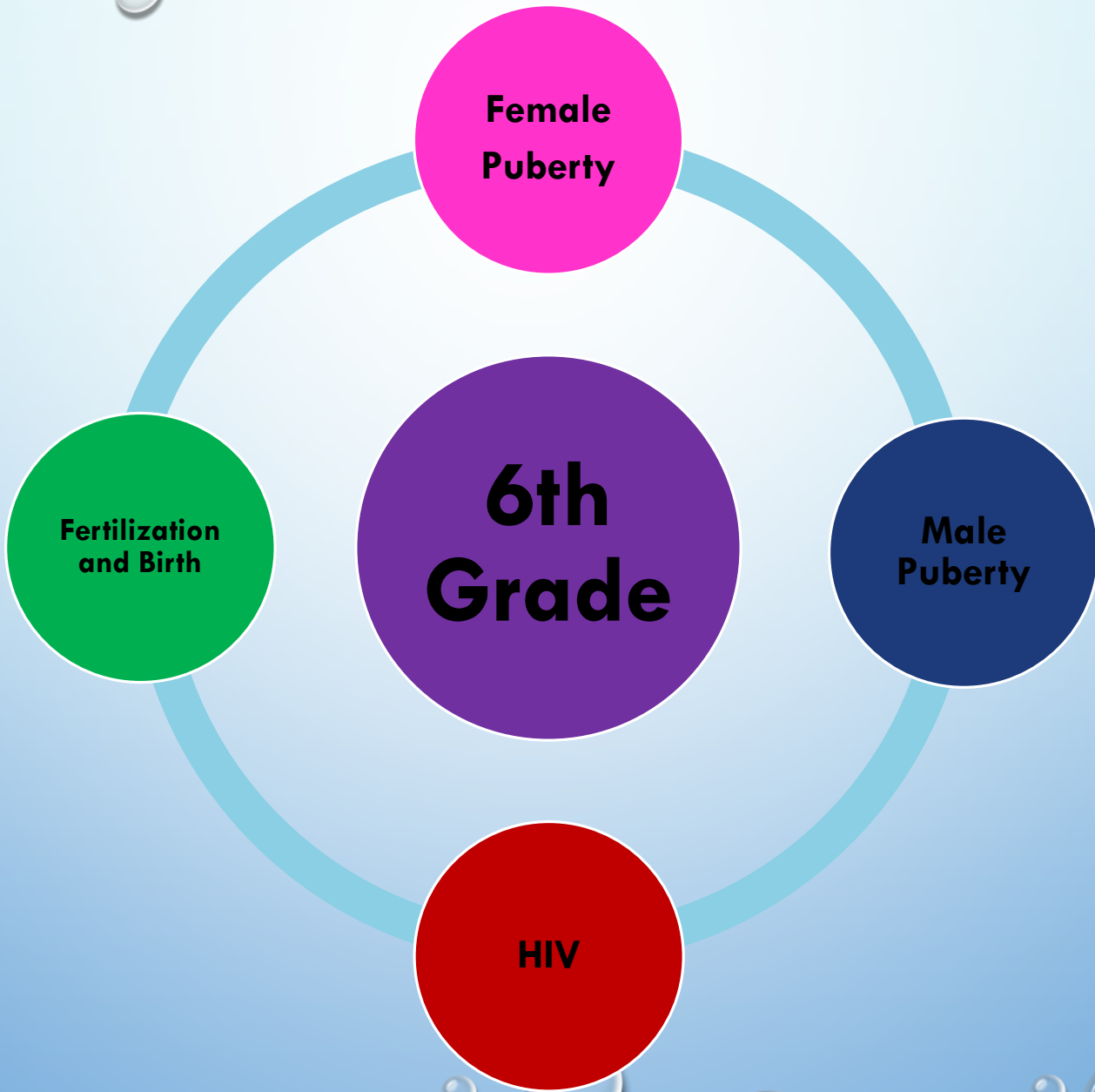
**A** Activity: Will vary day to day.

**M** Movement: Ask for permission.

**P** Participation: Yes, it is expected.

**S** Success: Absolutely !!!





**Female  
Puberty**

**6th  
Grade**

**Male  
Puberty**

**HIV**

**Fertilization  
and Birth**



**By the end of this lesson, you should be able to answer the following questions:**

**What is the relationship between hormones and puberty?**

**Name three structures of the male reproductive system.**

**What is the name of the male sex cell?**



## Male Reproductive System Vocabulary

abstinence - not taking part in any high-risk behavior such as sexual activity or drug use, including alcohol, and tobacco.

adolescence – the stage of development between childhood and adulthood which includes physical, emotional, and social changes.

pituitary gland – the gland that produces a hormone that causes growth and stimulates the testicles to begin functioning.

puberty – the period of life during adolescence when one becomes capable of reproduction.

reproduction – the ability to physically produce a baby.

## Male Reproductive System Vocabulary

**anus** – opening through which solid waste leaves the body.

**bladder** – a stretchy sac that stores urine or liquid waste.

**circumcision** – surgical operation to remove the foreskin from the penis.

**ejaculation** – the forceful release of semen from the penis.

**epididymis** – the small body of tubules behind each testicle where immature sperm are stored.

**erection** – the stiffening of the penis.

**foreskin** – fold of skin that covers most of the glans.

**genitals** – reproductive organs located on the outside of the body (penis, scrotum, and testicles).

**glans** – tip of the penis.

**hormone** – a chemical that produces physical and emotional changes in the body.

**nocturnal emission** – the release of semen during sleep (also called a wet dream).

**penis** – male sex organ located outside the body.

**prostate gland** – a gland located near the bladder which secretes prostate fluid.

**scrotum** – the sac of skin that contains the testes.

**semen** – fluid made in the male reproductive organs that contains sperm.

**sperm** – the male sex cell.

**testicles or testes** – the male sex glands which produce sperm cells and the hormone testosterone.

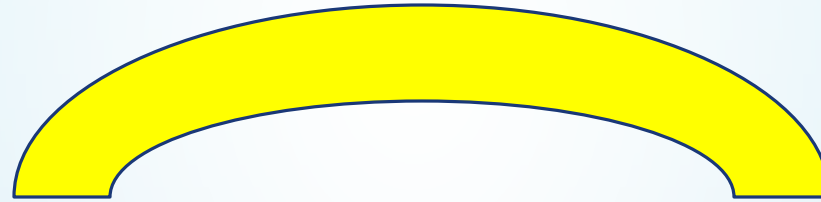
**testosterone** – the hormone secreted by the testicles that is responsible for the primary and secondary sex characteristics.

**urethra** – tube through which urine and semen leave the body.

**urine** – liquid waste that is stored in the bladder.

**vas deferens** – the tube which passes from each testicle to the urethra.

# ADOLESCENCE



**CHILD**  
**11-13**  
**(ENDS)**

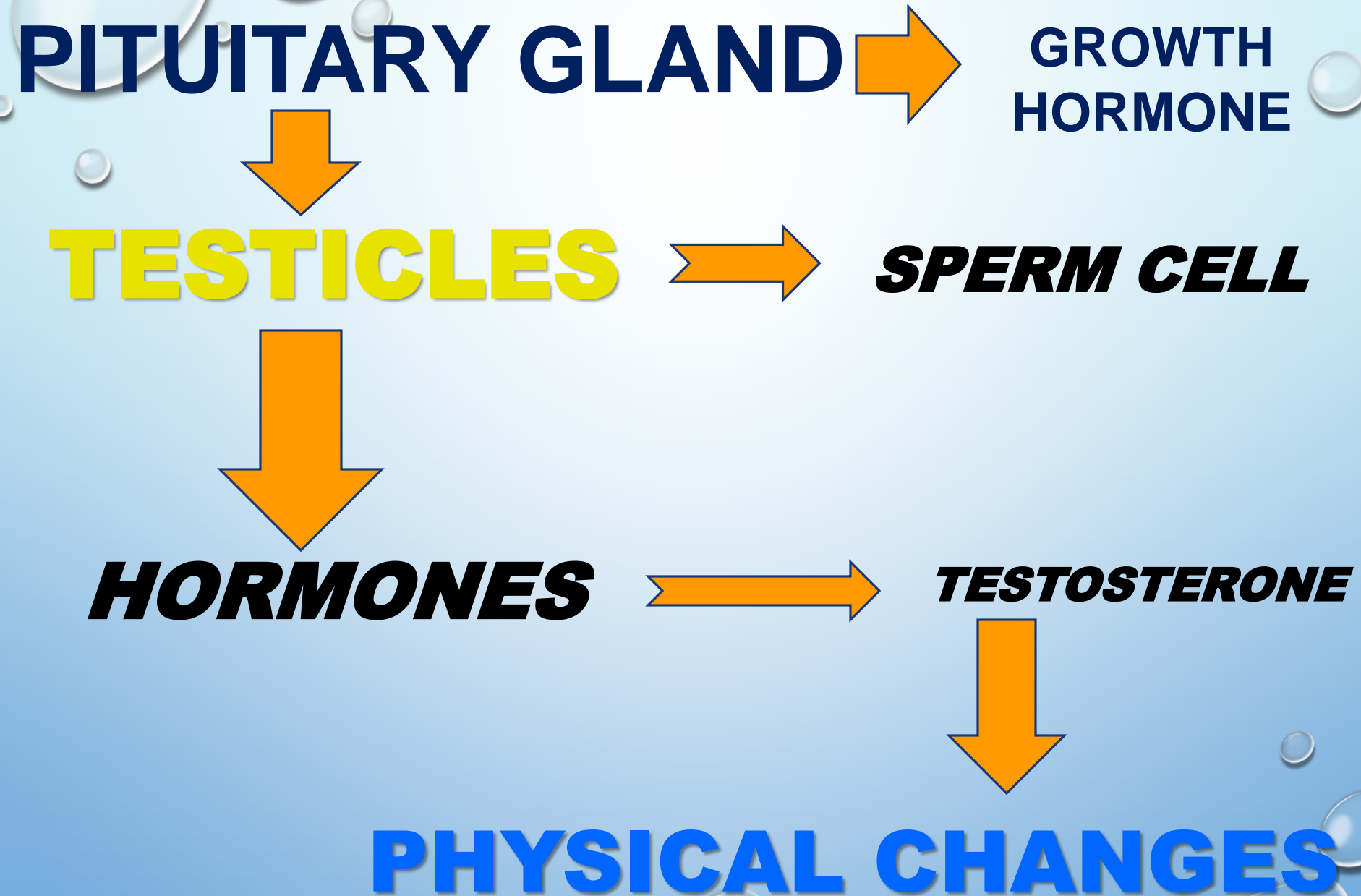


**PUBERTY**  
**BOYS**  
**10-15**



**ADULT**  
**18-21**  
**(BEGINS)**







# GROWTH SPURT



# SHOULDERS BROADEN MUSCLES GROW



# HAIR GROWTH

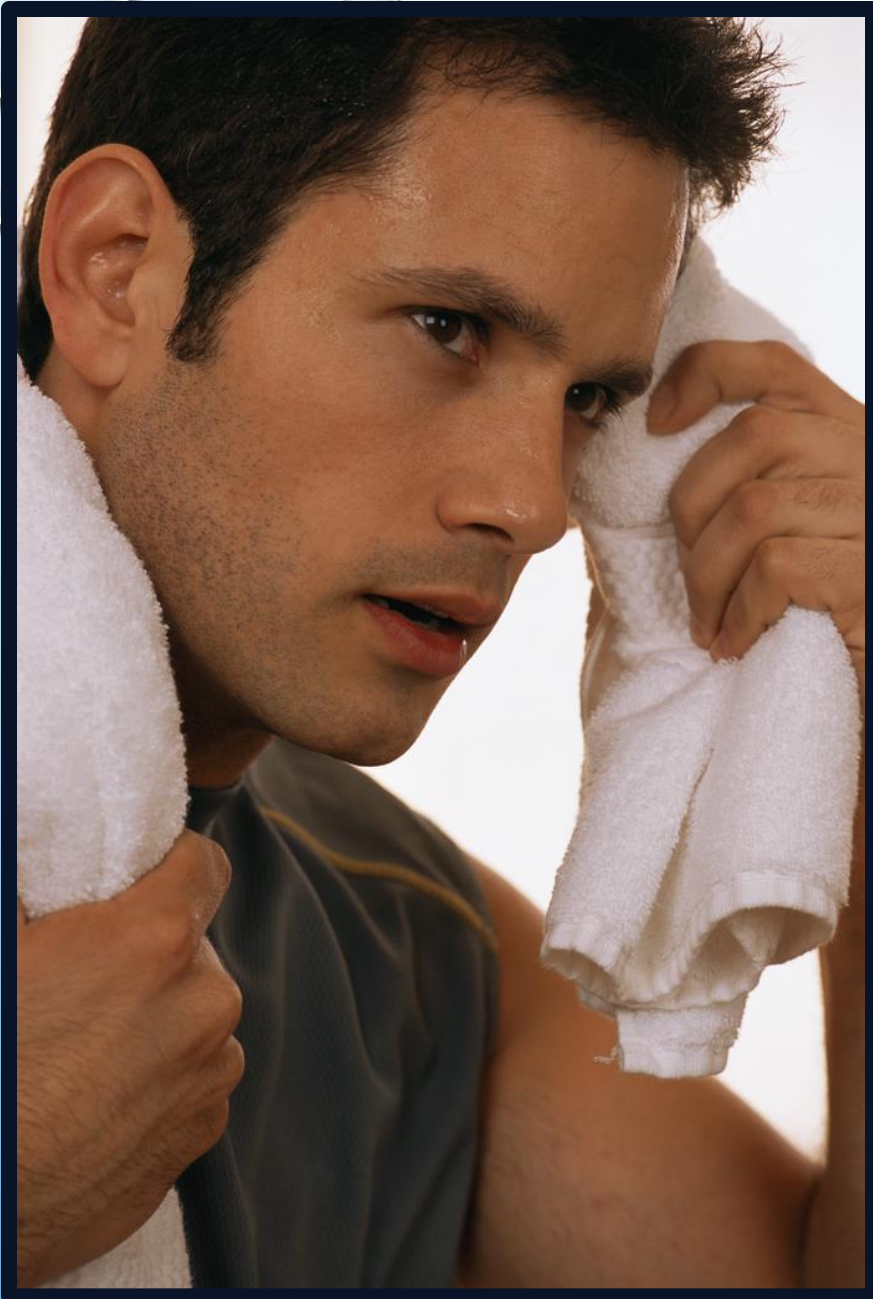


# SHAVING



# VOICE CHANGES



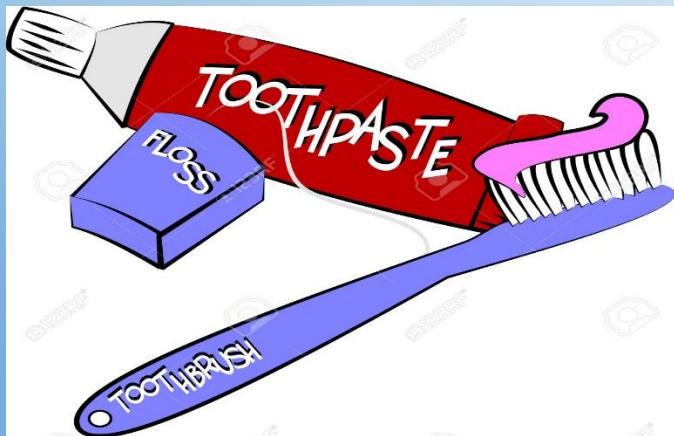


**Increased**  
**Sweat and**  
**Oily Skin**

# ACNE



# HYGIENE





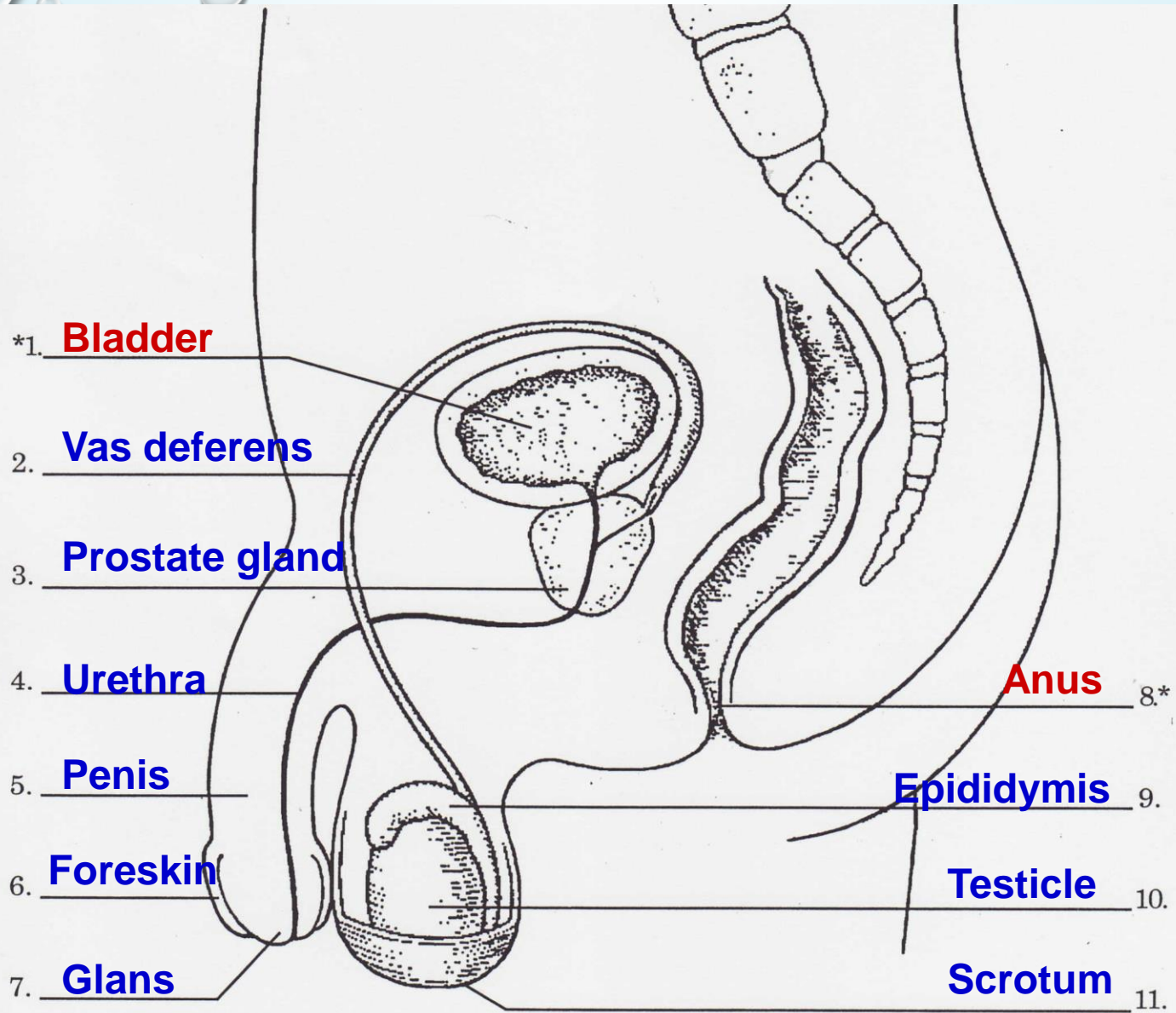
**WE HAVE TALKED ABOUT SOME OF  
THE BODY CHANGES THAT OCCUR IN  
BOYS DURING PUBERTY.....**





# **Reproductive Organs** **Grow and Develop**

# Male Reproductive System



# Male Reproductive System Review

1. The stage of development between childhood and adulthood which includes physical, emotional, and social changes:  
**ADOLESCENCE**
2. The period of life during adolescence when one becomes capable of reproduction:  
**PUBERTY**
3. The male sex cell: **SPERM**
4. Sperm start to be produced during: **PUBERTY**
5. The whitish fluid made in the male reproductive system that contains sperm:  
**SEMEN**
6. Glands that produce sperm and the male hormone (testosterone):  
**TESTICLES**
7. The sac of skin that holds the testicles: **SCROTUM**
8. The hardening or stiffening of the penis: **ERECTION**
9. The forceful release of semen from the penis: **EJACULATION**
10. The release of semen during sleep: **NOCTURNAL EMISSION**
11. The surgery to remove the foreskin from the penis: **CIRCUMCISION**
12. Not taking part in any high-risk behaviors such as sexual activity or drug use, including alcohol and tobacco:  
**ABSTINENCE**

# **Can you share the information listed below?**

## **What is the relationship between hormones and puberty?**

The pituitary gland stimulates the testes to produce testosterone and sperm cells. Testosterone is responsible for the development of the male reproductive system.

## **Name three structures of the male reproductive system.**

Testicles, epididymis, scrotum, vas deferens, prostate gland, bladder, urethra, anus, penis, glans, foreskin

## **What is the name of the male sex cell?**

Sperm – the male sex cell

You have finished lesson #1!



**It's time to continue to lesson #2!**



# **CHANGES DURING PUBERTY**

## **6<sup>th</sup> Grade**

# **Female Reproductive System**

**THE MISSION OF POLK COUNTY SCHOOLS IS TO PROVIDE A HIGH  
EDUCATION FOR ALL STUDENTS.**





**By the end of this lesson, you should be able to share the information listed below:**

**What are three structures of the female reproductive system?**

**How do hormones affect puberty?**

**Name three body changes that occur during puberty.**





# ADOLESCENCE

**CHILD**

11-13  
(ENDS)

**PUBERTY**

**GIRLS**

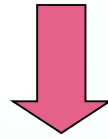
9-14

**ADULT**

18-21  
(BEGINS)



**PITUITARY GLAND**



**OVARIES**



**OVA**  
**(egg cells)**



**ESTROGEN &  
PROGESTERONE**



**PHYSICAL**  
**CHANGES**

# CHANGES

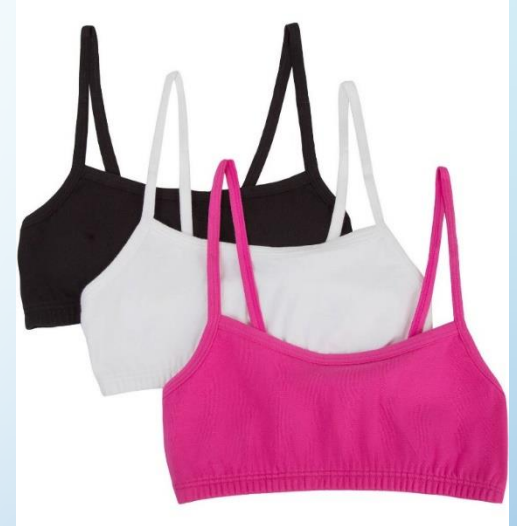
Grow Taller



Hips Widen



Breasts Grow



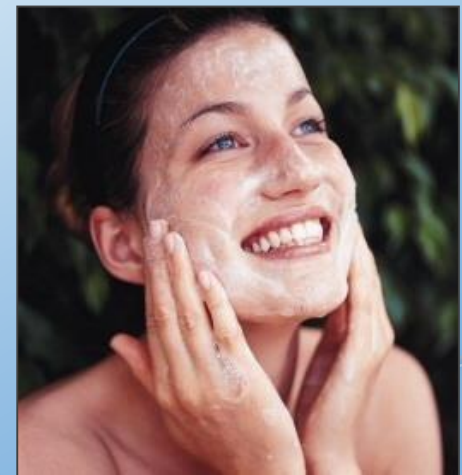
Body Hair



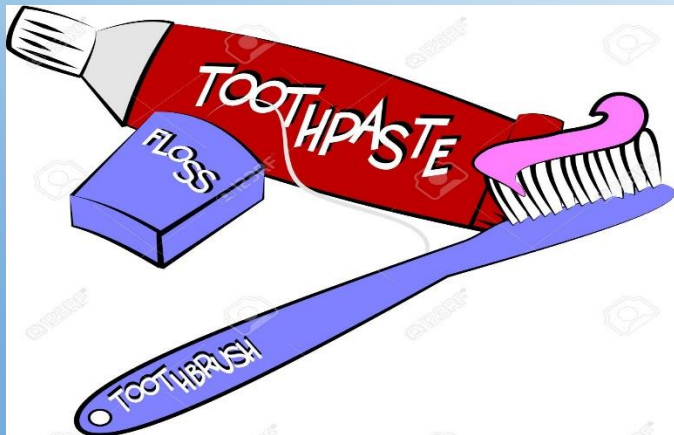
Sweat Glands



Acne



# HYGIENE



WE HAVE TALKED ABOUT **SOME** OF  
THE BODY CHANGES THAT OCCUR IN  
GIRLS DURING PUBERTY.....



1. **Fallopian tube**

2. **Ovary**

3. **Uterus**

4.\* **Bladder**

5.\* **Urethra**

**Cervix**

**Vagina**

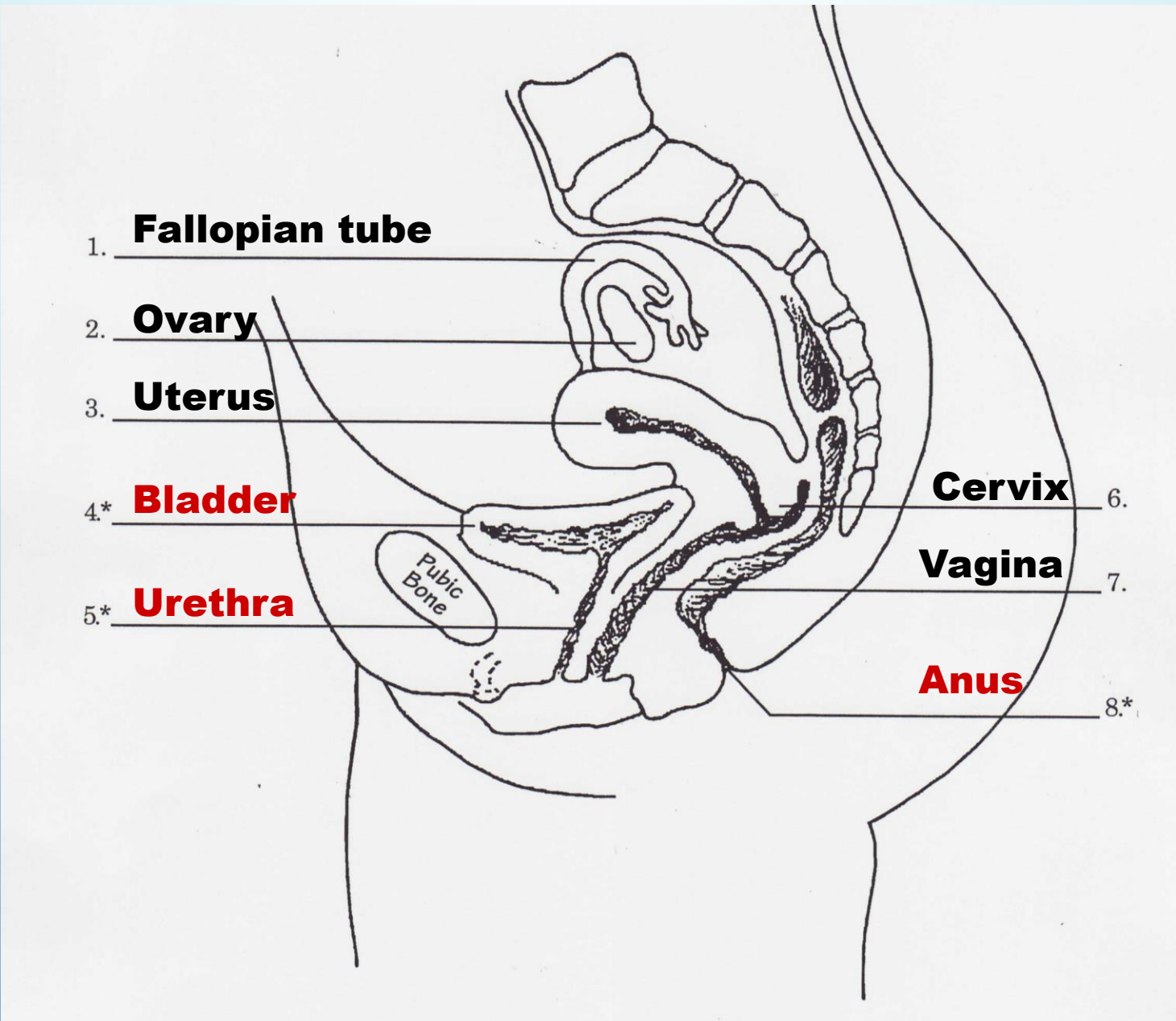
**Anus**

6.

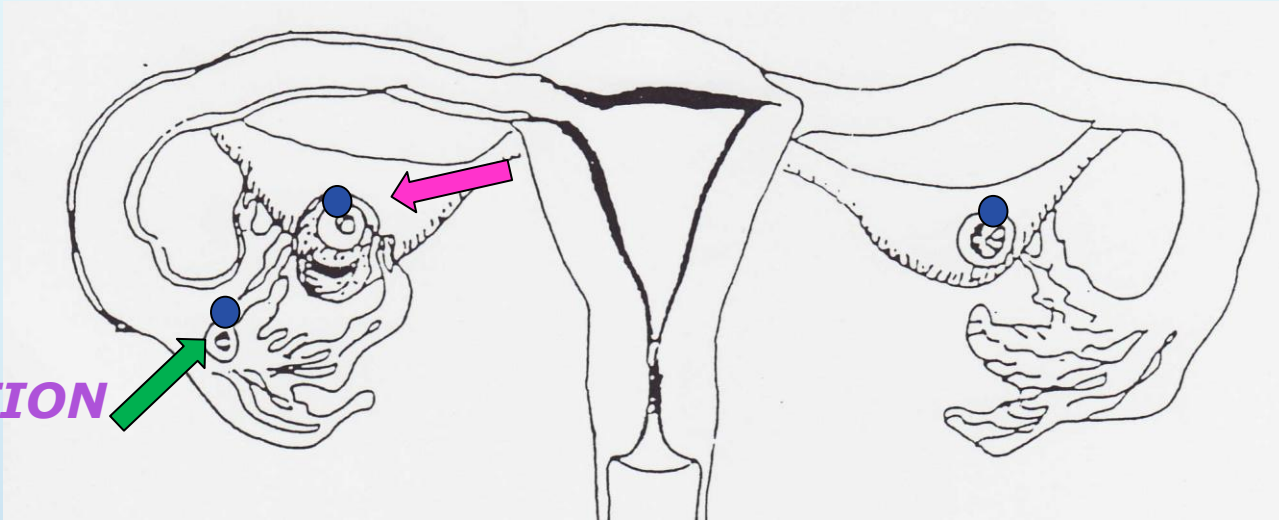
7.

8.\*

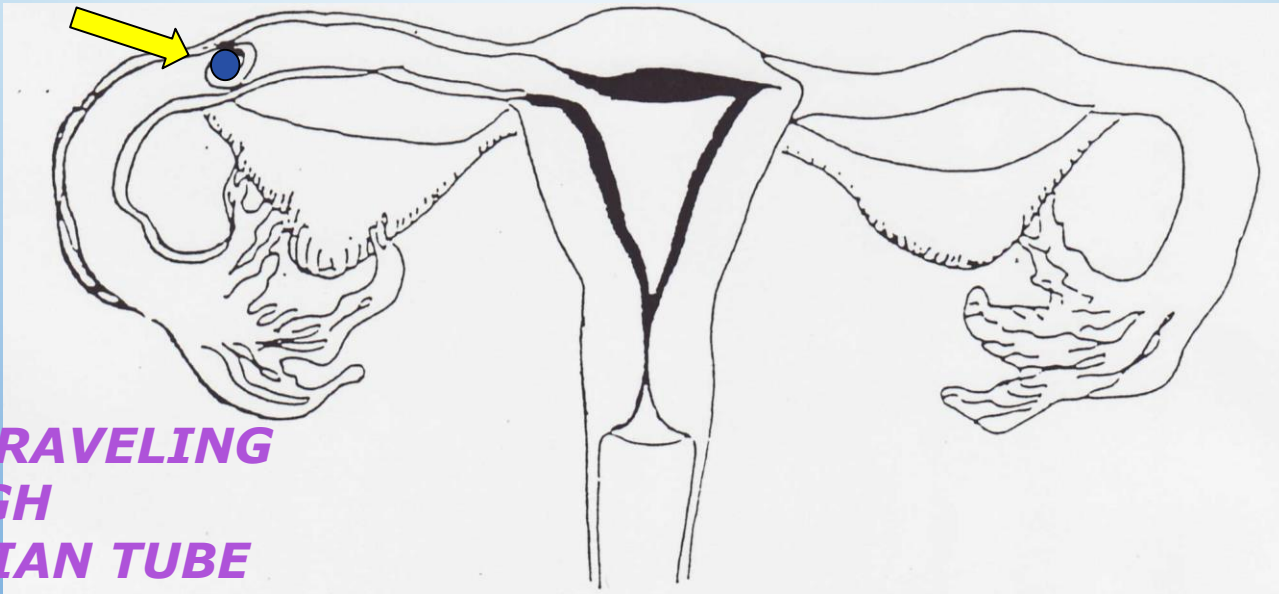
Pubic Bone



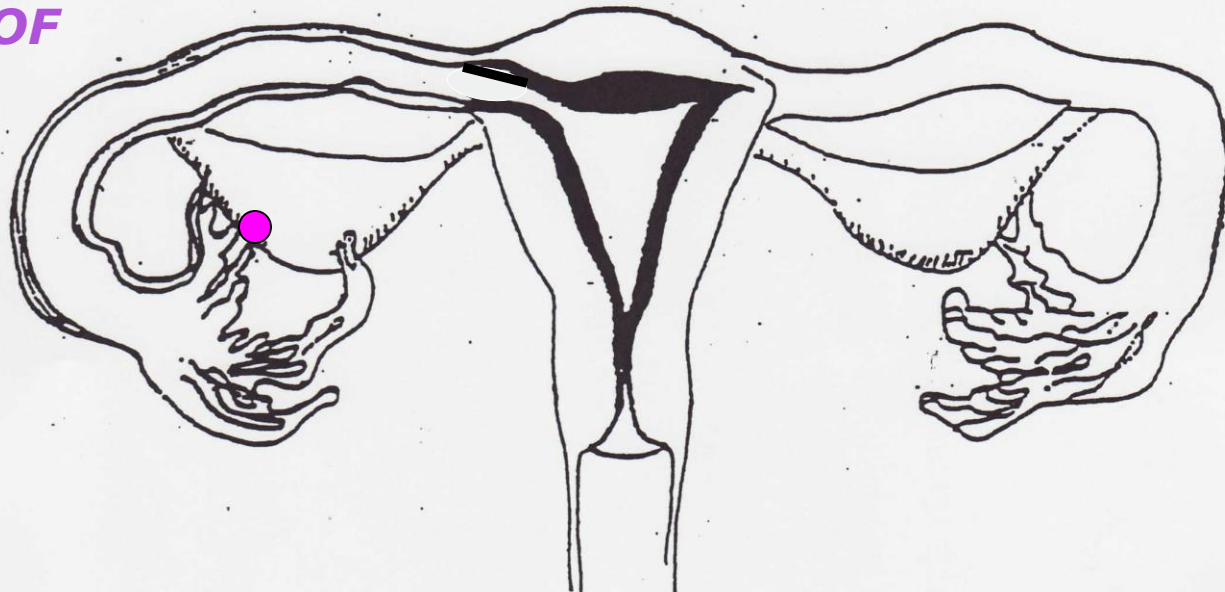
**OVULATION**



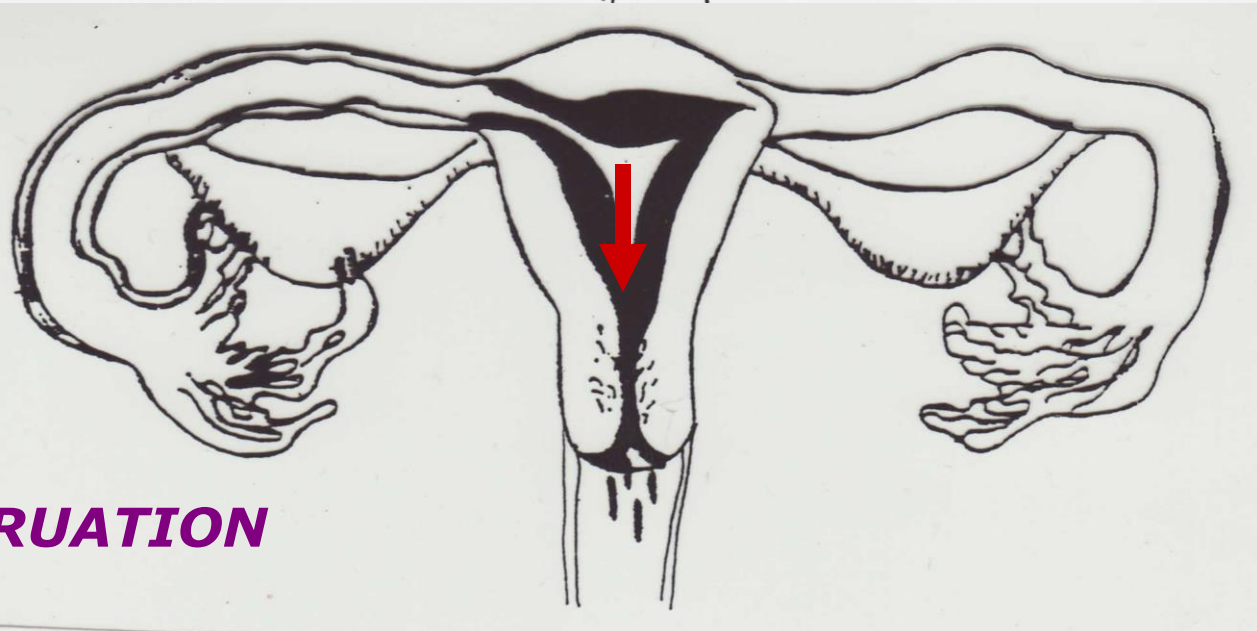
**OVUM TRAVELING  
THROUGH  
FALLOPIAN TUBE**



**PATHWAY OF  
OVUM**



**MENSTRUATION**





THERE ARE MANY CHANGES FOR BOYS AND GIRLS DURING PUBERTY. SOME ARE THE SAME AND SOME VERY DIFFERENT. ALL RESULT IN THE TRANSFORMATION FROM CHILD TO ADULT





**Can you share the information listed below?**

**What are three structures of the female reproductive system?**

**How do hormones affect puberty?**

**Name three body changes that occur during puberty.**



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