

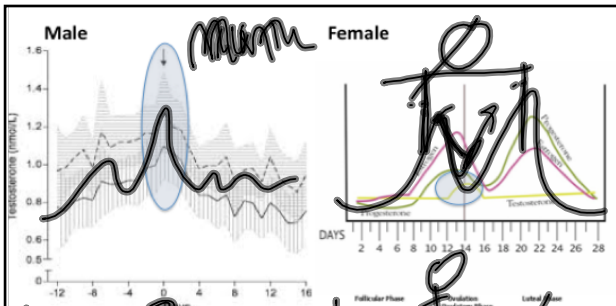
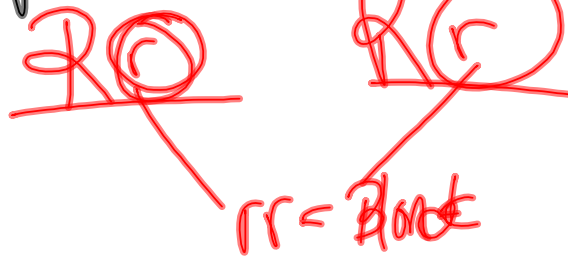
Dominant	Recessive						
Shows up over Rec.	only shows up if no Dom						
R - Eye color yellow	r : grey						
RR : Dom : yellow	rr : rec : grey						
Rr : Dom	<table border="1"> <tr> <td>R</td> <td>Rr</td> <td>Rr</td> </tr> <tr> <td>r</td> <td>Rr</td> <td>rr</td> </tr> </table>	R	Rr	Rr	r	Rr	rr
R	Rr	Rr					
r	Rr	rr					
	rr = blonde						

Dominant	Recessive						
more common/likely	Rec. hides behind dom						
overrides Rec							
B	b						
Brown = Dom	Blonde = Recessive						
BB / Bb	bb						
Brown	Blonde						
BB							
<table border="1"> <tr> <td>B</td> <td>BB</td> <td>Bb</td> </tr> <tr> <td>b</td> <td>Bb</td> <td>bb</td> </tr> </table>	B	BB	Bb	b	Bb	bb	Blonde
B	BB	Bb					
b	Bb	bb					

IF Brown hair is Dom + Blonde is Recessive
 can 2 Brown haired parents
 have a Blonde Baby?

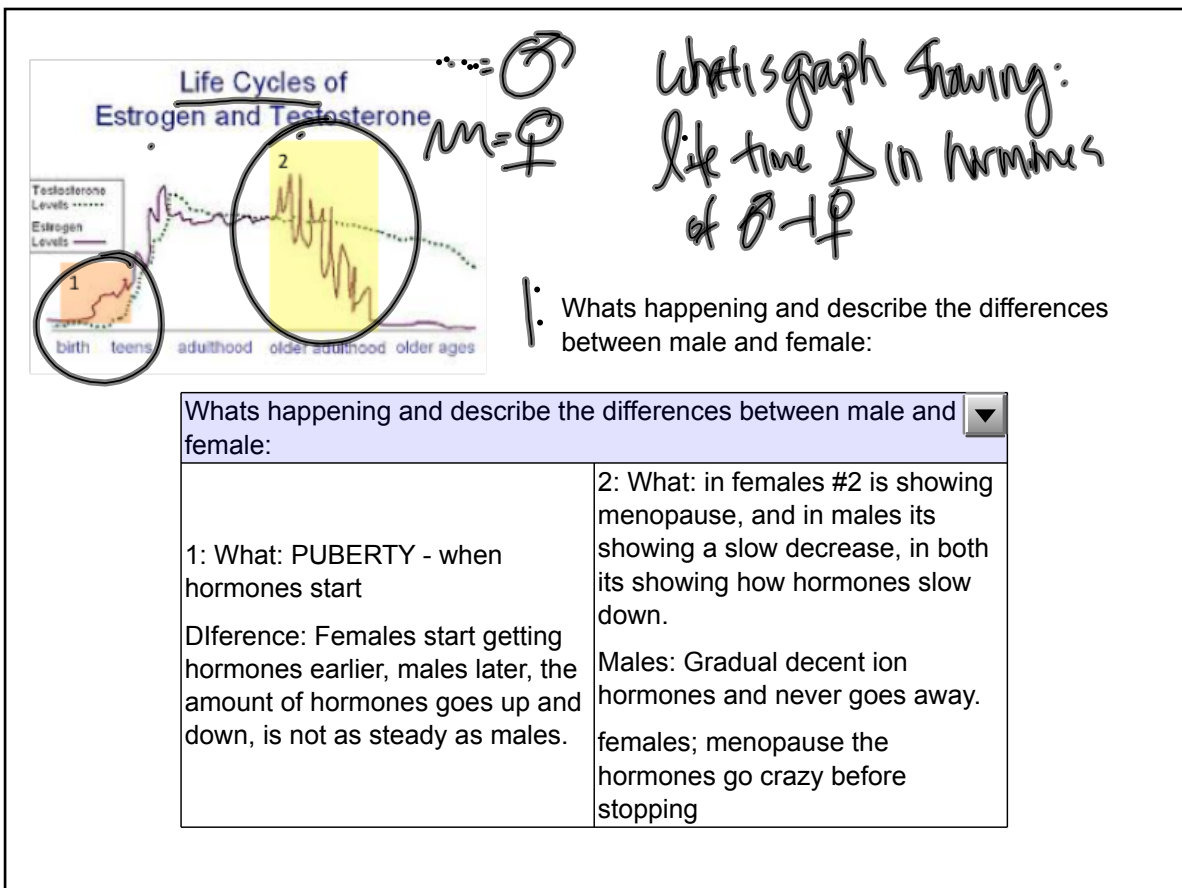
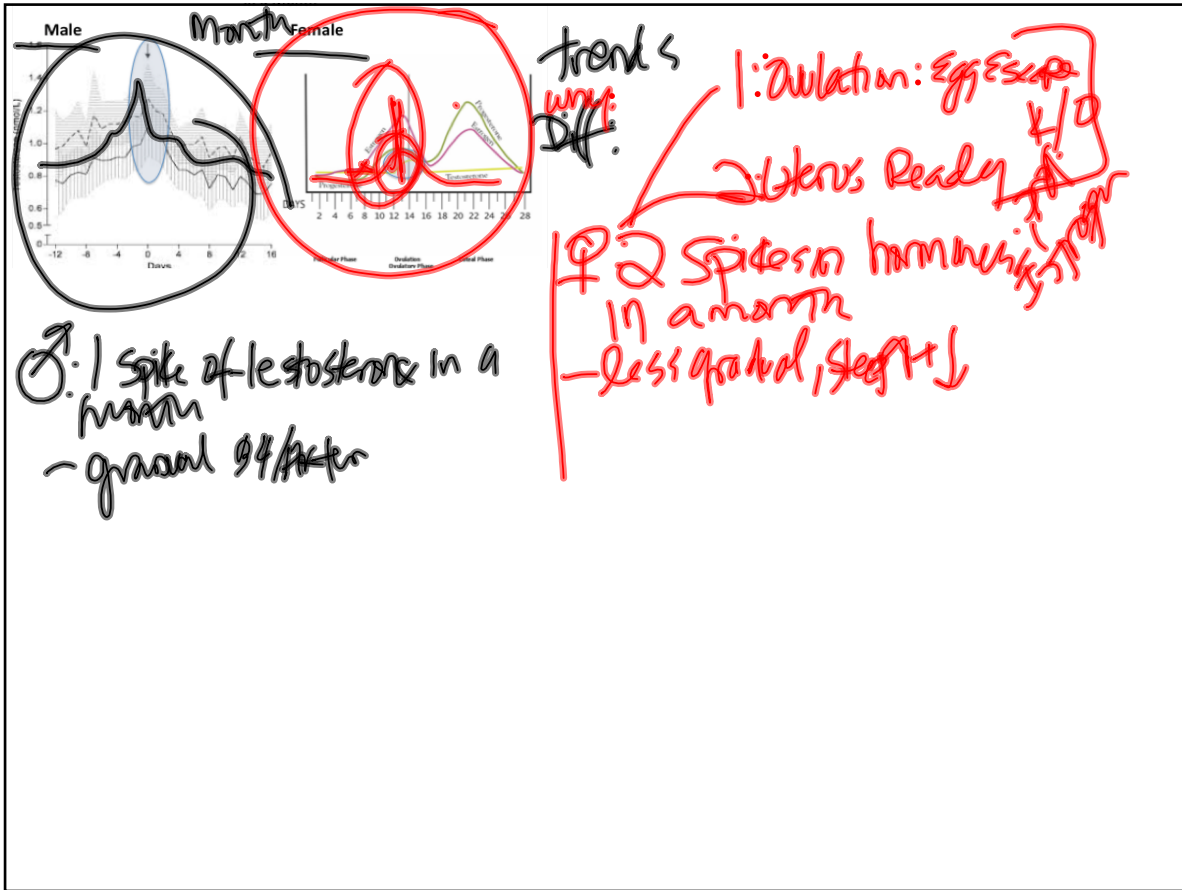
Yes.

explain:



♂
 1 spike: 1 test.
 at meet in the
 month

♀
 2 spikes in horm.
 - release egg
 - ready for babies



Whats happening and describe the differences between male and female:

Overall: hormones changing throughout male and female lives.

1: What: PUBERTY!!! increase in hormones in adolescence.

Difference:

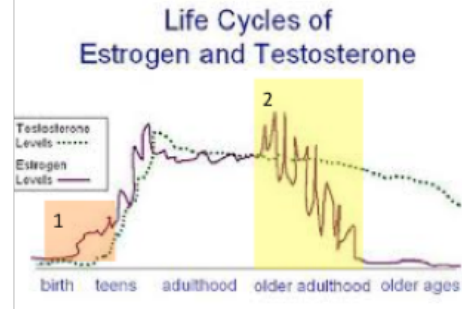
-Males: In M there is an overall increase, but it is more consistently increasing and happens later than females.

-Females: in F the estrogen rises faster and earlier, more jagged, ups and downs, but overall there is an INCREASE

2: What: hormones are decreasing in later adulthood.

Males: gradual and never goes away completely, but does decrease.

Females: this phase is called menopause where this occurs: a decrease that is erratic, increasing and decreasing but overall falling. and the end point is much lower hormones than males.



What is the main sex Hormone in men, what are the 3 things it controls?

testosterone:

- 1) sex drive,
- 2) risk taking and
- 3) male sexual characteristics
- 4) aggression

Why is it called a fatal hormone? #2, spike in testosterone causes risk taking which can lead to injury and death.

WHY MIGHT THIS EVOLVE?

- men are expendable - 1 men can impregnate many females
- payoff for risk: climbing a mountain and finding a new awesome place.

What is the main sex Hormone in men, what are the 3 things it controls?

Testosterone: risk taking, aggression, sex drive, male sexual characteristics

Why is it called a fatal hormone? - risk taking: can result in death=fatal

WHY MIGHT THIS EVOLVE (give2)?

- PAY-OFF: chance for a reward

Ex: find more food/habitat by climbing cliff - it helps you survive and spread your genes to the next generation this characteristic evolves.

- Sexy: showing off for a mate - spread genes to next generation

Why did it evolve in DUDES NOT THE LADIES:

- males are expendable : one male can impregnate lots of ladies
- more males are born bc risk taking is fatal and takes some out

What is the main sex Hormone in men, what are the 3 things it controls?

Why is it called a fatal hormone?

WHY MIGHT THIS EVOLVE (give2)?

-

-

> HIV and AIDS attack your T cells, how would this affect a person?



What: **Evolution** of plants:

How does it show that? That= evolution

- shows how plants have adapted to different environments based on resources.
- give an example: alga 2 moss = water to land.

What role does DNA play in this?

- DNA has mutated by chance, some of those changes are good and are past on to better help the plants survive (usually in new environments).

