***Fertilization and Human Development Notes***

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| Sexual Intercourse: Males | Sexual Intercourse: Females |
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***The Long Journey***

* As the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is ejaculated into the vagina the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ start to swim up towards the \_\_\_\_\_\_\_\_\_\_\_\_.
* The \_\_\_\_\_\_\_\_\_\_\_\_\_ and uterus secrete acidic mucus to stop any foreign cells from attacking her system.
	+ This kills many sperm
	+ The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is alkaline to react to the acidic vagina.
* The sperm swim into both \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in search of an egg.
	+ Many sperm get lost and try to penetrate the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

***In the Fallopian Tubes***

* If there is an \_\_\_\_\_\_ in the fallopian tube the \_\_\_\_\_\_\_\_\_\_\_ will try to penetrate it with a special enzyme on the head of the sperm.
* Only \_\_\_\_\_\_\_\_ sperm is allowed into the egg as the egg will harden when one sperm is successfully inside.
* If there is no egg in the fallopian tube then the sperm will eventually die and be flushed out of the women in the subsequent days.
	+ Sperm can live up to \_\_\_\_\_ days in the woman.

***If the Egg is Fertilized…***

* If the sperm has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the egg the now fertilized egg will start to descend into the \_\_\_\_\_\_\_\_\_\_\_\_\_ and attach its self to the lining of the uterus.
* The egg will start to divide.
	+ \_\_\_\_\_ cells, then \_\_\_\_\_\_ cells, then \_\_\_\_\_\_\_\_\_ cells, etc.
* Women will be pregnant for about \_\_\_\_\_\_ weeks or \_\_\_\_\_ months.
	+ Some pregnancies last longer and some are shorter

***Pregnancy Timeline***

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| --- | --- |
| Week | Events |
| 2 | *
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| 4 & 5 | *
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| 7 | *
 |
| 13 | *
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| 16 | *
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| 20 | *
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| 24 | *
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| 30 | *
 |
| 35 | *
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| 38 | *
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| 40 | *
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