**January Notes: Day 1 Human Reproductive System**

Name: Period: Date:

**Aim: Human Reproductive System**

Do Now: Why do you think the ability for an organism to reproduce is important?

**What is the Function of the Reproductive System?**

* The of the system is for an to have the ability to make organisms.
* Although the is a and is necessary to be classified as a living thing; an individual organism does need to in order to

**Asexual and Sexual Reproduction**

* There are 2 ways organisms can reproduce:

– – involves only parent.

* + It’s
  + looks exactly like

– – involves parents.

* Need to find ( )
* looks little like parents but identical

**Reproduction in Humans**

* Reproduction in humans has 2 major :

–To make more

–To make humans with (differences)

**The Female Reproductive Organs**

The of the reproductive system is to

1. and an (ova- the female ). It contains her information-
2. 2. to and nourish the developing in the



T**he Male Reproductive Organs**

The function of the male reproductive system is to:

1. Produce (the male )
2. the (which contains his information- into the females during sexual





**Hormones and the Reproductive System**

* **Human reproduction and development are influenced by factors such as**

– (characteristics from parents)

– (puberty)

–the ( and )

* **The reproductive cycles in both males and female is regulated by hormones:**

– is a hormone found in the

– and are female found in the

**The Menstrual Cycle**

* The is an event that takes place in the female reproductive system roughly every days.
* Starting during , the female body itself for a possible during every cycle.
* If pregnancy occurs during the , the body will itself and till the next to occur.

**The menstrual cycle has four stages**

**Stage 1** – Day 1 is when the starts.  The breaks down over about days.

**Stage 2** – The of the begins to t . From day 4 to day 14, a t spongy layer of appears and is ready to receive a

**Stage 3** – The is and then released from the at about day 14

**Stage 4** – The lining is then for another days, until day . If no embeds in the lining by the 28th day, the lining will and the cycle will again.

**Estrogen And Progesterone**

These two are in the and they the main of the cycle.

* **Estrogen** :

1. the of the to and grow.

2.It the of an at day 14.

* **Progesterone:**

1. the lining of the uterus. ( during )

\*When level of progesterone , the lining down.

**What is FSH?**

•FSH ( ) is a hormone that in the

•FSH can be used to .

•The “ ,” because of its high levels of , with the production of , which the production.

