**Life’s Greatest Miracle: Big Ideas**

1. What creates **variation** in sexually reproducing organisms? What are the advantages to variation in a species?
2. Describe in detail how the **egg** travels from the **ovary** to **implantation**. What happens if the egg isn’t **fertilized**?
3. Describe in detail how sperm travels from the **testes** to ejaculation.
4. Describe in detail how two **gametes** can form a **fetus**.

**Vocabulary**: You must use each of theses words at least once in your responses. **Cross them off** as you use them and **underline** them in your answer.

* Meiosis
* Chromosome
* Crossing Over
* Variation
* Gametes
* Egg
* Ovary
* Fallopian Tube
* Uterus
* Vagina
* Menstrual Cycle/Menstruation
* Fertilized
* Implantation
* Testes
* Vas deferens
* Urethra
* Penis
* Mitosis
* Differentiation