**Genetics 2**

**1. Genetics** - The science that studies how traits are inherited

**2. Generation** - the time span between the birth of parents and the birth of their children

**3. Gregor Mendel** – A monk in the 1850’s that studied how plants inherit traits…he is known as the Father of genetics.

**4. Chromosomes** – Long strands of DNA that contain thousands of genes

**5. Offspring** - The first generation of descendants produced by an animal or plant.

**6. Physical trait -** characteristic that describes how you look

**7. Acquired Traits** - To develop after birth usually as a result of environmental forces. For example, dyed hair

**8. Resemble -** have qualities that are similar

**9. Instinct** – the [ability](https://dictionary.cambridge.org/us/dictionary/english/ability) to [behave](https://dictionary.cambridge.org/us/dictionary/english/behave) in a [particular](https://dictionary.cambridge.org/us/dictionary/english/particular) way that has not been [learned](https://dictionary.cambridge.org/us/dictionary/english/learned)

**10. Carrier** - Someone who has one recessive gene for a trait but doesn’t show it.