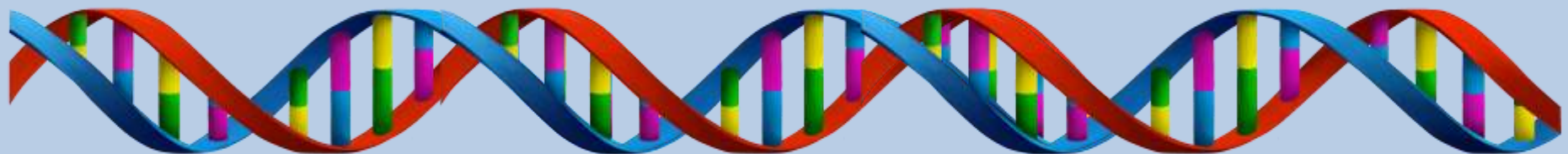
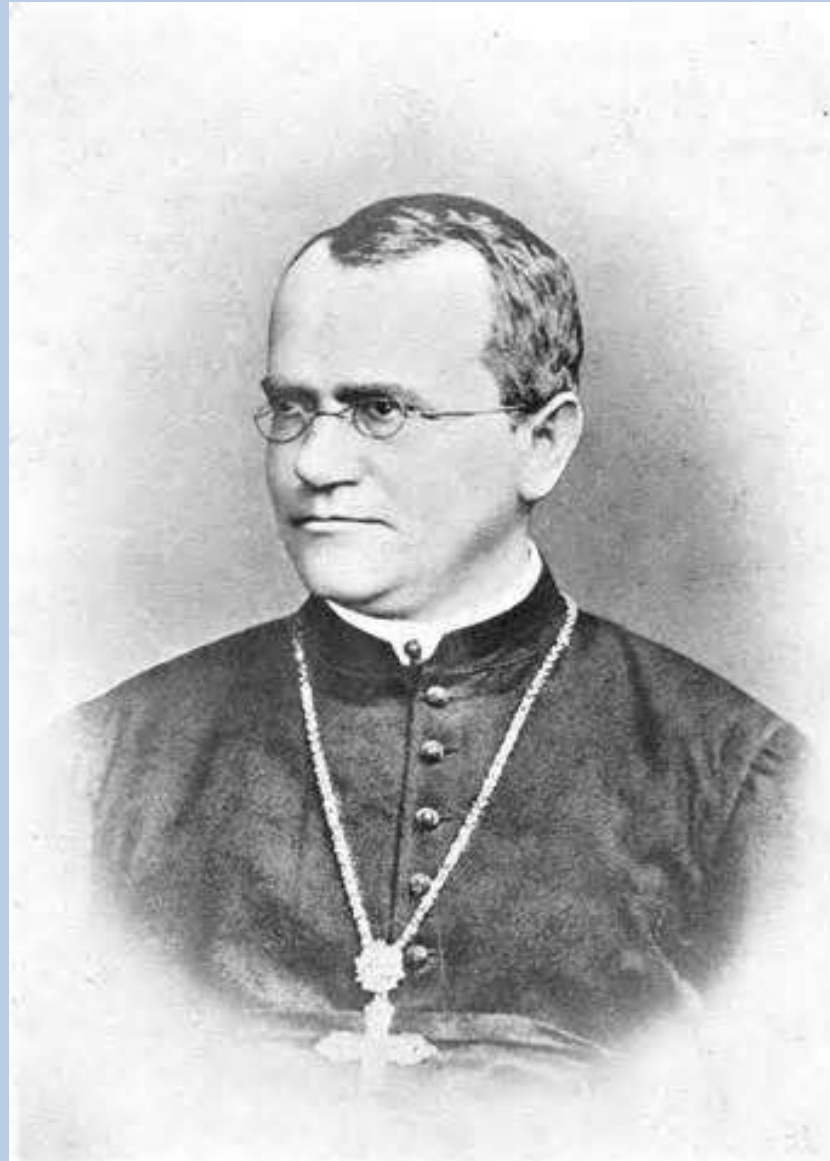




- 1. What are 2 important events that happen during meiosis?**
- 2. During which phase do these events happen?**
- 3. Look at the fly gene map on page 51 of your notebook. Which two traits are most likely to be inherited together?**
- 4. What is a phenotype?**
- 5. What is a genotype?**



Mendel is the Father of _____



Guinea Pig Genetics

- Today you will *apply* what you have learned about Mendel's *concepts of genetics* by completing a computer simulation



Guinea Pig Genetics

- **MAKE SURE YOU CLICK ON THE ORANGE HEADING ON REALIZE**

The screenshot shows a user interface for a course. At the top, there is a banner image of a green tree frog. Below the banner, there are two circular navigation buttons: a green one labeled 'Programs' and a red one labeled 'Classes'. The 'Classes' button is highlighted with a large blue circle. Below the navigation buttons, there are two main sections. On the left, there is a card for 'Miller & Levine Biology' featuring a bee on a yellow flower, with a 'View program' link below it. On the right, there are two stacked orange boxes: the top one says 'No new assignments submitted' and the bottom one says 'No new attachments'. Below these boxes is a 'View all 2 Classes' link.

Monohybrid Crosses

1. **Finish Guinea Pig Genetics Simulation**
2. **Work on Cross Application Packet**
3. ***If you finish:***
 - ***Challenge yourself with the Advanced Packet!***