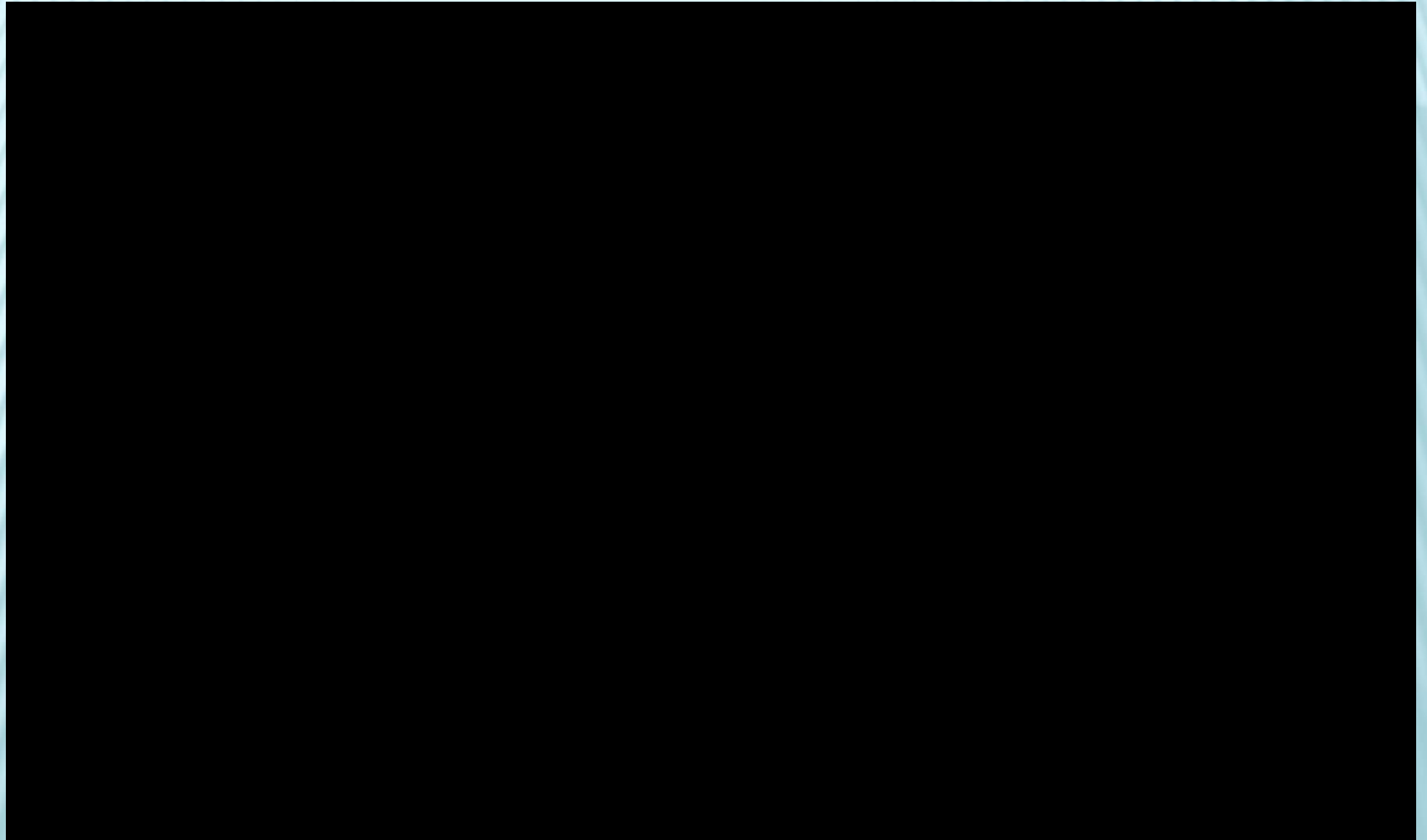


Mr. Erick Santizo

FERTILIZATION IN PLANTS

VIDEO INTRO

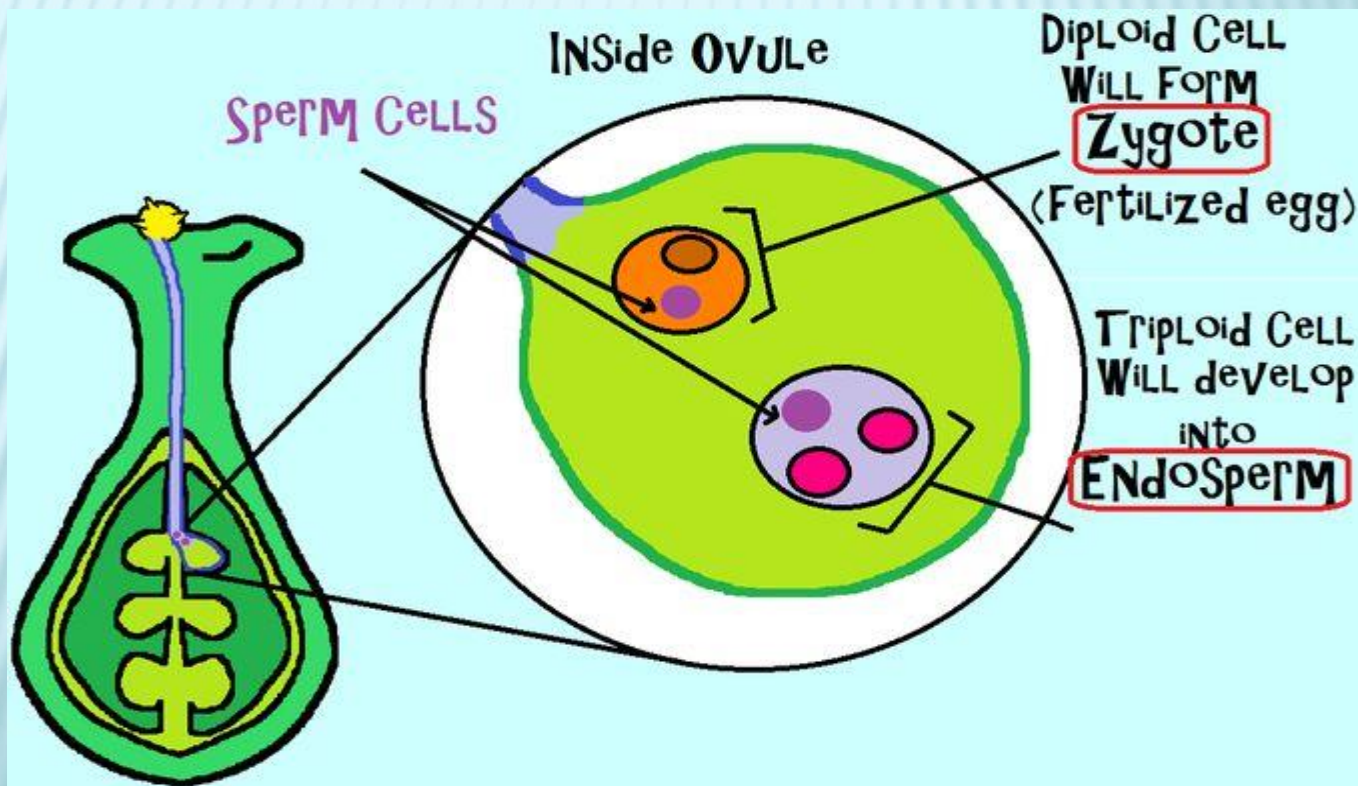


LET US EXPLORE



WHAT IS FERTILIZATION?

- ✦ When the sperm nucleus joins with the egg nucleus.



PROCESS OF FERTILIZATION

- × 1. Pollen falls on the stigma
- × 2. Pollen germinates and pollen tube carries male gametes to the ovule
- × 3. In the ovule, one sperm fuses with egg nucleus and form zygote. (fertilization)
- × 4. The other sperm fuses with polar nuclei forming endosperm (provides food for embryo)
- × 5. Zygote divides and forms embryo
- × 6. Finally seed is formed.

ARRANGE THE PROCESS IN ORDER



WHAT IS THE OUTCOME OF FERTILIZATION?

- × Fruits
- × There are Two types of fruits
- × Fleshy fruits: Eaten and dispersed by animals. Soft and juicy flesh. Example: mangoes, tomatoes
- × Dry fruits: stiff and dry flesh. Dispersed by wind or water. Example: ochro, peas

FLESHY OR DRY



FLESHY OR DRY?



FLESHY OR DRY



FLESHY OR DRY



FLESHY OR DRY



WRITE THE PROCESS IN SEQUENCE

