

Gregor Mendel Video

(<https://www.youtube.com/watch?v=W4OZptX1kPo&t=192s>)

& Questions

- 1) What is "Preformatism"?
- 2) What is "Blending Inheritance"?
- 3) When was Mendel born?
- 4) What are two "skills" that Gregor Mendel learned about while growing up on his family's farm?
- 5) What type of education is called "gymnasium"?
- 6) What two subjects does Mendel study in college?
- 7) What happens that forces Mendel to miss large amounts of school?
- 8) Why does Mendel join a monastery?
- 9) What prevents Mendel from getting a full-time teaching job at the Monastery?
- 10) About how many Pea Plants did Mendel grow between 1856-1863?
- 11) When Mendel would breed "Pure Breeding Purple" pea plants with "Pure Breeding White" pea plants, what was the result?
- 12) Breeding White" pea plants, what was the result?
- 13) When Mendel bred "F1" plants with other "F1" plants, what did he discover?
- 14) How many "traits" did Mendel study in these Pea Plants?
- 15) What are Mendel's two laws of inheritance?
- 16) What was the name of article where Mendel published his research?
- 17) When did Mendel die?
- 18) About how long did it take before Mendel's work began to be appreciated?
- 19) What does the letter "P" represent vs the letter "p"?
- 20) What do the terms Homozygous Dominant, Homozygous Recessive, and Heterozygous mean?
- 21) What is a punnet square used for?
- 22) What color are all of the F1 plants in the example?
- 23) What happens when you cross the F1's (Pp and Pp)?
- 24) What is a genotype and what is a phenotype?