

Chapter 10 Mendel: The Man, the Myth, the Legacy

Why Mendel Succeeded

- People noticed that kids look like their parents many, many generations years ago.
- Took till the _____ for anyone to make sense of inheritance!

Gregor Mendel:

_____ Monk

Studied heredity- _____

- o Traits: _____
- o Genetics: _____

_____ -
the branch of biology that studies heredity

Steps to Success:

1. Choose subjects (_____) carefully

Mendel took a pea in the garden. Why were the peas such a good subject?

a. Reproduce _____ - produce male and female

i. Male pollen, female egg

ii. Fertilization: _____

iii. Zygote: _____

iv. Pollination- _____

b. Self- pollination: when male and female gametes from same plant
unite

i. Both male and female gametes found on same plant

ii. When want "cross-fertilization"- _____
