Name:	Class: Date:
Cha	pter 11 – Genetics Study Guide
11.1 The Work of	Gregor Mendel
Genetics is known as the	study of heredity –
Briefly explain what is	nheritance means: The delivery of characteristics from parents to offspring.
Who was Gregor Men experiments on a conv	del? He was an Austrian monk who founded modern genetics with his venient model system.
<u>Fertilization</u> new cell or <u>Zygote</u>	is the process in which sex cells (<u>Gametes</u>) join to produce a
Mendel prevented self traits passed from one general	racteristic, such as plant height or seed color in pea plants. F-pollination in the peas. He controlled fertilization so he could study how tion to the next. F-pollination vs. cross-pollination
Self-pollination – sper	m cells fertilize egg cells within the same flower. Cross-pollination is
when sperm cells fertilize egg	s cells of a different flower.
Mendel created hybrids , which traits. Perform this cross to cr	ch are crosses between true-breeding parents (P generation) with different eate an $\mathbf{F_1}$ generation :