

GENETICS

Mendel was known as father of Genetics

plant selected by Mendel: *Pisum sativum* (garden pea)
Mendel used a number of contrasting characters for garden pea.

Table of contrasting characters. (SEVEN PARTS)

CHARACTER	DOMINANT TRAIT	RECESSIVE TRAIT
Flower colour	purple	white
flower position	Axial	Terminal
Seed colour	Yellow	Green
Seed shape	Round	Wrinkled
pod shape	Inflated	constricted
pod colour	Green	Yellow
Height of plant	Tall	Dwarf

Seven pairs of contrasting characters in
Garden
pea