#### MONDOL AND HIS POA PLANTS.

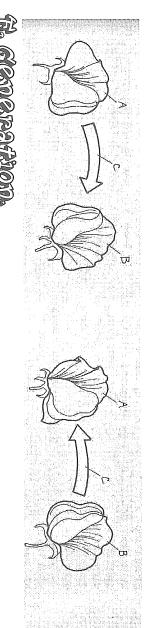
1. What is genetics?	
<ul><li>2. Explain Mendel's Laws of Heredity in your own words:</li><li>a) The Principle of Dominance:</li></ul>	
b) The Law of Segregation:	
c) The Law of Independent Assortment:	
3. List 3 reasons why Gregor Mendel was successful as a scientist:	
4. Complete the following using the "Flower Color Hybrids" color plate:	
<ul> <li>a) The color plate shows one of Mendel's experiments in which he cross-pollinated purple flowered plants with white-flowered plants. Using the codes provided, COLOR the P<sub>1</sub> Generation, representing Mendel's cross-pollination of the Parental Generation.</li> <li>b) Color the F<sub>1</sub> Generation.</li> <li>Describe the offspring in this generation.</li> </ul>	
c) Color the F <sub>2</sub> Generation.  How many purple plants resulted?	
How many white plants resulted?	

What is the ratio of dominant plants to recessive plants?

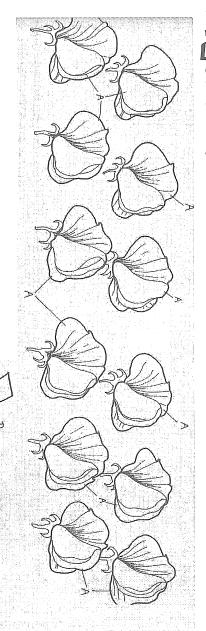
# Edite Tolor Color Edition

### P SCHOLAGION

Cross-Pollination. Persione Surang Becomoles Solem



### H GENERATION



## TOTSE TOTSE

