

Punnett Square Project

You are a farmer, but uniquely you are a farmer who likes to study genetics. In studying genetics you want to create a new strawberry plant. You have found a market for different colored strawberries.

Step One: Identify two strawberry plants - choose from images below.

 Albion: Sweet, travels well	 Annapolis: Mild, travels well	 Cavendish: Pick your own	 Governor Simcoe: Sweet, travels well
 Honeoye: Early season, travels well	 Jewel: Not as sweet, travels well	 Sapphire: Good flavor	 Wendy: Early season, sweet
 Chandler: early season, good flavor	 Camino Real: Early season, good flavor, larger fruit	 Seascape: productive and disease resistant	 Sweet Charlie: medium size, deliciously sweet

Step Two: List characteristics of your strawberry plant you want to carry on in your new plant.

Step Three: complete a punnett square or hybrid cross (see example).

Step Four: Name your **New Strawberry Plant**

Step Five: Create an ad to market your strawberry plant.

Step Six: Write a summary explaining what you have learned about genetics.

