

## Science Experiment: Music and Plants

Jennifer wanted to see if music affects how plants grow. She read that classical music helps babies with brain development and so she thought that plants would grow higher if they listened to classical music than other types of music. She got fifteen plants of the same type and size and divided them up into five groups. She put the five groups into different areas of the house under the same type of growing light and gave them the same amount of water each day and played music for the same amount of time each day. The groups listened to the following music. Group A had no music. Group B listened to classical music. Group C listened to heavy metal music. Group D listened to country music. Group E listened to rap music. After 30 days she recorded their heights. The results are below.

	Group A No Music		Group B Classical Music		Group C Heavy Metal Music		Group D Country Music		Group E Rap Music	
	Day 0	Day 30	Day 0	Day 30	Day 0	Day 30	Day 0	Day 30	Day 0	Day 30
<b>Trial 1</b>	5 cm	9cm	5 cm	14cm	5 cm	8cm	5 cm	13cm	5 cm	8.5cm
<b>Trial 2</b>	5 cm	8.5cm	5 cm	14.5cm	5 cm	7.5cm	5 cm	12cm	5 cm	8cm
<b>Trial 3</b>	5 cm	8cm	5 cm	13.5cm	5 cm	7cm	5 cm	11cm	5 cm	9.5cm
<b>Average</b>	<b>5 cm</b>	<b>8.5cm</b>	<b>5 cm</b>	<b>14cm</b>	<b>5 cm</b>	<b>7.5cm</b>	<b>5 cm</b>	<b>12cm</b>	<b>5 cm</b>	<b>8cm</b>

