

What do Plants Need to Grow? – Sample Data Chart

I think that plants need _____.

	Day #1	Day #2	Day #3	Day #4	Day #5	Day #6	Day #7	Day #8	Day #9	Day #10
Plant #1										
Plant #2										

I think that plants need _____.

	Day #1	Day #2	Day #3	Day #4	Day #5	Day #6	Day #7	Day #8	Day #9	Day #10
Plant #1										
Plant #2										

How to use this chart: Fill in the blanks with things you think plants need to grow (like sunlight, water, fertilizer, etc). Print up as many charts as you need. For each pair of plants, give #1 the thing it needs to grow (for ex., put one plant in the sunlight), and don't give it to #2 (for ex., put one plant in the shade). Record how the plants do every day – measure how tall they are, note how their color looks, record when they begin flowering or putting off fruit, etc. You will probably have to conduct this experiment for longer than 10 days.