

Life Science data for 5/6 and 5/10

Hello everyone, I am posting the final measurements for our plants in the garden boxes. Remember that in one box I composted at least 10 lbs of food scraps to determine if this would help plants grow. It should be clear from our data that composting definitely enriched the soil and helped plants grow. The difference between plants in the left box (composted food scraps) vs. right box (normal soil) is striking. Also, flowers grew quicker than vegetable plants.

May 6th

LEFT box: **Sunflowers**. The heights are 28.5 cm and 23 cm (the broken plant that was clinging to life finally withered and died). **Tomato plant** heights are 29 cm (THE WIDTH IS 39 Cm), 23.5 cm (THE WIDTH IS 28 cm), 28 cm, and 26 cm. **Greenbean** heights are 12.8 cm (THE WIDTH IS 33 cm), 6.4 cm, 9.6 cm, and 4 cm. **Watermelon** heights are 19.5 cm (THE WIDTH IS 19 cm), 16.1 cm, 14.5 cm, and 11.5 cm. **Nasturtium** heights are 23.1 cm, 23.5 cm, and 18.2 cm. The largest leaf is 10 cm across.

RIGHT box: The **sunflower** height is 13.5 cm. **Tomato plant** heights are 16 cm (THE WIDTH IS 18 cm), 16 cm, and 11.8 cm. **Greenbean** heights are 5 cm and 3.7 cm. **Watermelon** heights are 13 cm, 10.8 cm, and 11 cm. The **nasturtium** heights are 11.4 cm, 10.8 cm, and 14 cm. The largest leaf is 4.6 cm across

May 10th

LEFT box: **Sunflowers**. The heights are 37 cm and 28 cm. **Tomato plant** heights are 34 cm (THE WIDTH IS 37 cm), 25 cm, 29.8 cm, and 28.8 cm. **Greenbean** heights are 17 cm (THE WIDTH IS 34 cm), 6.4 cm, 7.6 cm (no change), and 3.8 cm. **Watermelons** are now large enough that they have started to run along the

ground (remember that watermelons grow on vines, not bushes). Lengths are 19 cm, 23.5 cm, 21.4 cm, and 14 cm. **Nasturtium** heights are 21 cm, 28 cm, and 18.5 cm. The largest leaf is 9.5 cm across.

RIGHT box: The **sunflower** height is 19 cm. **Tomato plant** heights are 17.5 cm (THE WIDTH IS 18 cm), 17.5 cm, and 14 cm. **Greenbean** heights are 5.8 cm and 3.5 cm (no change). **Watermelon** heights did not change: 13 cm, 12.5 cm, and 12.5 cm. The **nasturtium** heights are 11.8 cm, 9.3 cm, and 12.7 cm. The largest leaf is 4.6 cm across

Please record the new data in your notebooks to conclude this part of our lab.