

STEM Education for Sustainable Development

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Plastic VS Plant



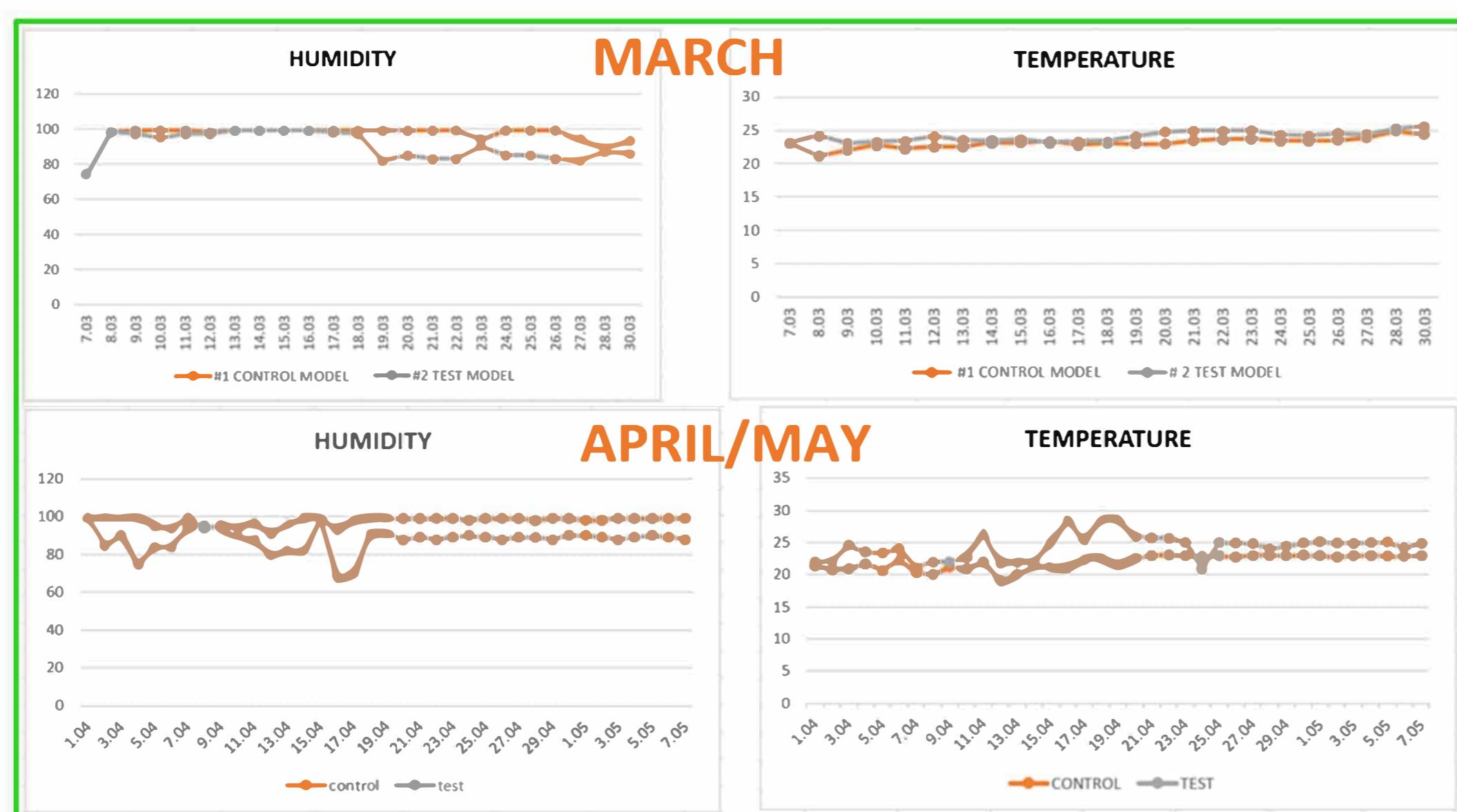
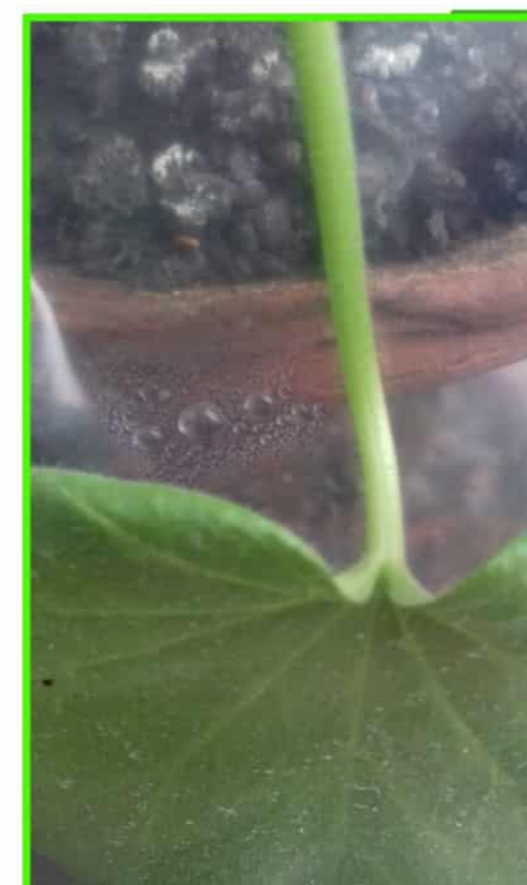
What is the effect of plastic waste emissions on the growth and development of plants?
How does a plant deal with emissions from burning plastic?
How does burning plastic affect air temperature and humidity?



Students created two models for the research :
Control and Test.

During the experiment, three variables were observed: temperature, humidity and pH of the water secreted by the leaves.

Within two months, we conducted daily observations, the students studied the temperature and humidity values .



The emissions produced by the burning of plastic have a negative effect on the plant, causing a change of the temperature and humidity in the environment, an increase in acidity, but the plant absorbs harmful gases and after some time regulates the temperature in the environment

CONCLUSION : The plant prevents the accumulation of greenhouse gases and plays an important role in the climate change process.

