MSM
Math and Science Magnet Program
at Morris Hills Regional District

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- Acoustic Shielding Solutions: A Model for Investigating the Performance and Resilience of Natural and Synthetic Materials for Construction Noise Mitigation
- A Study of the Generational Differences in Brand Personality Perception and Purchase Intention
- Evaluating the Impact of AI Authorship and Disclosure on Audience Perception of Literature
- Predicting Parkinson's Disease Progression Using Machine Learning: A Comparative Study
- A Comparative Analysis of the Effectiveness of DIY and Store-Bought Hand Sanitizers in Reducing *Escherichia coli* and *Staphylococcus epidermidis* via a Zone of Inhibition Experiment
- A Study of the Impact of the Structured Collaboration Program for Teen Volunteers and Nurses At Cooperman Barnabas Medical Center
- The Effect of Acetic Acid on the Growth of Pea Plants Infected with *Fusarium oxysporum*
- The Effect of S&P 500 CEO Change Announcements vs. Takeovers on a Company's Short-Term Stock Prices
- The Effect of Citrus × paradisi, Citrus × sinensis, and Citrus × aurantiifolia Peel Fertilizer on the Growth and Production of *Raphanus sativus* Compared to Synthetic Fertilizer
- A Comparative Analysis of Performance Metrics Across Grass, Clay, and Hard Courts for Predicting Tennis Match Outcomes
- Effects of varying concentrations of alcohol on the reproductive success of *Daphnia Pulex*
- Effects of Spent Coffee Grounds vs. Fortified Fertilizers on Arugula Plant Health
- Effect of Emotional vs. Physical Descriptions on Computer Generated Witness Sketches
- Studying the Correlation of Spin Rate and Strikeout Rate under Different Temperature Ranges for MLB pitchers.
- How does the use of unrelated media alongside audio learning affect information retention among high school upperclassmen?
- The Effects of *Ascorbic Acid* on the Germination Rate and Root Length of *Pastinaca sativa*
- Assessing the Effectiveness of Salicylic Acid as a Method of Decreasing Salinity Stress in Vicia Faba
- The Effect of Different Magnesium Concentrations on the Amount of Mg^{2+} Ions in *O. vulgare* Leaves
- The Effects of Polylactic Acid Plastic (Bioplastic) versus Polystyrene (Polymer Based Plastic) on the Growth, Appearance, and Germination of Parsley Plants

- For more information, contact Dr. Kevin Doyle at (973)664-2242 or kdoyle@mhrd.or