Science Fair Questions

* Does recycled paper decompose more quickly than non-recycled paper?
* Which type of soil can hold the most water?
* What household waste materials might be used to filter water?
* Does the presence of detergent in water affect plant growth?
* How permanent are permanent markers?
* How does the shape of an ice cube affect how quickly it melts?
* Can a saturated solution of sodium chloride still dissolve Epsom salts?
* What type of plastic wrap prevent evaporation the best?
* Which conditions stop erosion the best?
* How do plants stop erosion?
* Which paper towel absorbs the fastest?
* Does the rotation of the Earth (time of day) affect the length of a shadow?

\*Resources

* Does recycled paper decompose more quickly than non-recycled paper?
  + News ELA – Paper or plastic- <https://newsela.com/read/elem-big-q-paper-or-plastic/id/29747/>
  + How long does it take paper to decompose - -<https://www.reference.com/science/long-paper-decompose-3cd795416278e7a0>
  + Earth –Kind Landscape – Decomposition <https://aggie-horticulture.tamu.edu/earthkind/landscape/dont-bag-it/chapter-1-the-decomposition-process/>
  + Decomposing Recycling Paper and Non Recycling paper - <https://homeguides.sfgate.com/decomposing-recycling-paper-non-recycling-paper-79394.html>
* Which type of soil can hold the most water?
  + Which soil retains water best: clay, loam, silt or sand?- https://homeguides.sfgate.com/soil-retains-water-best-clay-loam-silt-sand-104730.html
  + Soil Types - <https://support.rainmachine.com/hc/en-us/articles/228001248-Soil-Types>
  + Which Soil Absorbs the most Water? - <https://www.hunker.com/13427778/which-soils-absorb-the-most-water>
  + Which type of soil absorbs more water: silt, sand, or clay? [ttps://www.enotes.com/homework-help/which-type-soil-absorbs-more-water-silt-sand-clay-292210](hittps://www.enotes.com/homework-help/which-type-soil-absorbs-more-water-silt-sand-clay-292210)
* What household waste materials might be used to filter water?
  + Drinking purified wastewater an option as CA drought continues - <https://newsela.com/read/sewage-drinkingwater/id/10273/>
  + Natural Materials Used for Water Filtration - <https://sciencing.com/natural-materials-used-water-filtration-5371122.html>
  + How to make your own homemade water filter - <http://filterbutler.com/blog/make-homemade-water-filter/>
  + How to filter and purify water for survival - <https://sciencing.com/natural-materials-used-water-filtration-5371122.html>
* Does the presence of detergent in water affect plant growth?
  + The Effects of Detergent on Plant Growth - <https://www.hunker.com/13428000/the-effects-of-detergent-on-plant-growth>
* How permanent are permanent markers?