

The TEKS (*Texas Assessment of Knowledge & Skills*) changed this past year...

On **April 26th** the 8th graders will be taking the STAAR Science Test. It is cumulative over material learned in grades 6-8.

Grade Level	TOPICS COVERED
SIXTH 1 st semester	GEOLOGY: Earth's Structure, Rocks & Minerals, Plate Tectonics ENERGY: Resources & Transformations PHYSICS: Changing Force, Changing Motion, Potential & Kinetic Energy
	2nd semester ASTRONOMY: Solar System, Space Exploration CHEMISTRY: Elements, Physical Properties, Compounds & Chemical Reactions BIOLOGY: Cells, Classification, Environment
SEVENTH 1 st semester	CELLS: Levels of Organization, Cell Theory, Structure & Function HUMAN BODY: Structure & Function of Organ Systems GENETICS: Reproduction, Heredity
	2nd semester GENETICS: Adaptations, Classification ECOLOGY: Biodiversity, Energy Transfer, Everyday Forces, Cycling Matter CHANGES in ECOSYSTEMS: Succession, Catastrophic Events, Weathering & Erosion, Water SPACE: Life in the Solar System, Work, Space Exploration
EIGHTH 1 st semester	PHYSICS: Changing Motion, Newton's Laws CHEMISTRY: Atomic Structure, Periodic Table, Chemical Reactions, Formulas & Equations ASTRONOMY: Characteristics of the Universe, Distances in the Universe
	2nd semester SPACE CYCLES: Lunar, Tides, Earth's Movements WEATHER & CLIMATE PLATE TECTONICS: Theory, Topography ECOLOGY: Ecological Relationships, Changes in the Environment STAAR REVIEW Test Date= Thurs April 26 th HIGH SCHOOL BIOLOGY PREP

Lopez Science WISH LIST

**To help us stretch our department budget... anything on this list would be greatly appreciated!! Send items to any science teacher@ any time!!*

- Kleenex
 - Glue Sticks
 - Elmer's glue
 - Index Cards
 - Washable Markers
 - Dry Erase markers
 - Scotch tape
 - Protractors
 - Brads/ Paper Fasteners
 - Paper towels
 - Vinegar
 - Baking Soda
 - Epsom Salt
 - Vegetable oil
 - Salt
 - Rubbing Alcohol
 - Hydrogen Peroxide
 - Ziploc Bags: all sizes
 - Food Coloring
 - Plastic Silverware
 - Straws Trash bags
 - Foil
 - Plastic Wrap
 - Wax Paper
 - Toothpick
 - Soil
 - Play Sand
 - Tennis Balls
 - Balloons 10" or 12"
 - Hot wheels/ Matchbox cars
 - Duct Tape
 - Masking Tape
 - Batteries: AAA, AA, C,D
 - Used CD's & DVD's
 - Marbles
 - Dice
 - Slinkys
 - Bill Miller Tea/Ice Cream Buckets
 - Plastic Shoe boxes with lids
- GIFT CARDS to
- HEB
 - Hobby Lobby
 - Home Depot
 - Lowe's
 - Target
 - Walmart



Please post this on your fridge over the summer for reference

If YOU or someone you know works in a science related field (*medicine, engineering, etc.*)

*We would love to have you come in to speak with our classes

OR

*If you have any models or equipment you can donate for us to use in the classroom

Please email our Science Dept Head, Misty Mallonee, with your contact information... mmallo@neisd.net

Summer Science Fun Ideas

Sea World

San Antonio Zoo

Witte Museum

Natural Bridge Caverns

Natural Bridge Wildlife Ranch

Aquarena Springs

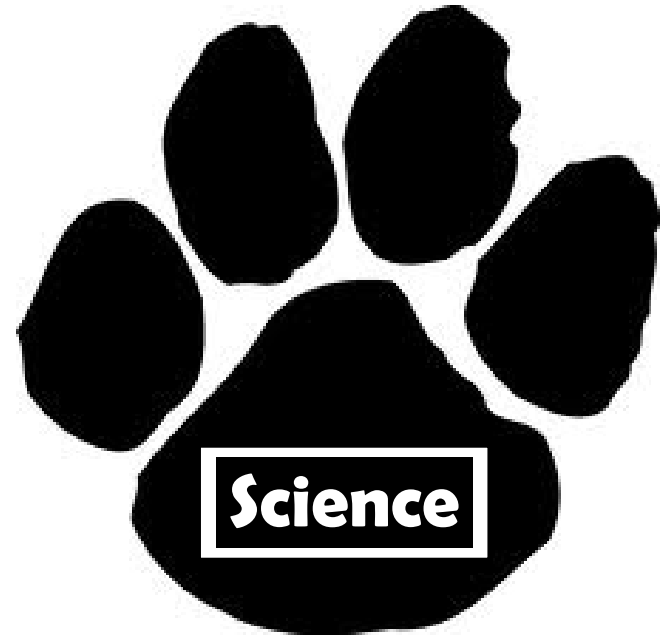
Fiesta Texas... physics

Schlitterbahn

Camping

TAMU Sea Camp

NASA



Lopez Middle School

Science Department Info.

2011-2012

Supplies needed in science class EVERYDAY:

- **Science Notebook**
 - 6th & 7th Grade= composition notebook
 - 8th grade= 5 subject spiral
- **Glue Stick**
- **Colored Pencils**
- **All the other standard supplies**