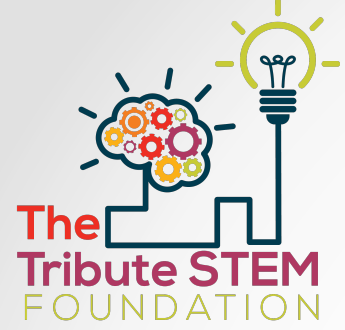
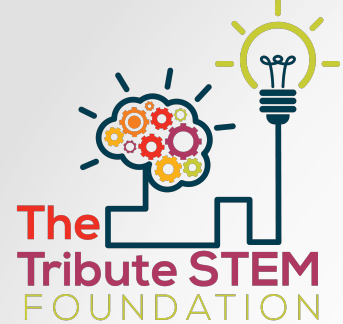


Derby-Day Membership Round-Up & Information Session 2016



Our Purpose

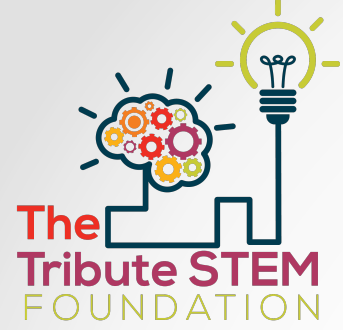
- The purpose of this foundation is to provide economic support for STEM (Science, Technology, Engineering & Mathematics)-inspired educational programs within Little Elm & The Colony Communities (LEISD).
- We are a 501(c)(3) non-profit organization (100% tax deductible) focused on educators and the next generation by inspiring them to greatness.



Why Do We Need A Foundation?

1. This Foundation WILL generate and award private funds to support STEM-projects when tax dollars aren't available.
2. We are for STEM-focused education for ALL of LEISD!

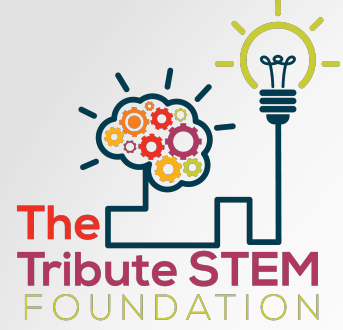




Other Foundations Making An Impact In North TX

Plano, McKinney, Frisco and Allen all have Foundations who inspire their students and teachers to greatness through grants and scholarships.

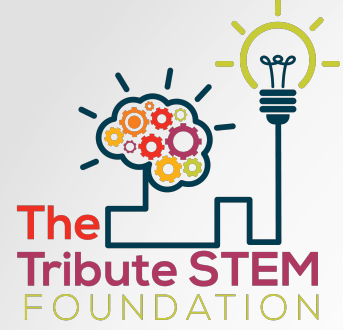
We can do this for our LEISD schools too!



What Will We Do?

With Members, various COMMITTEES will be formed.

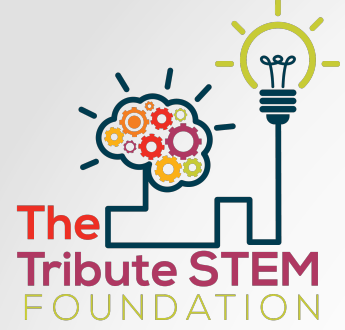
As Committee Members and Directors you will lead: Immediate Impact Initiatives & Longer-Term Impact Initiatives



What Will We Do?

Immediate Impact: Educational Enhancements/ Curriculum Development

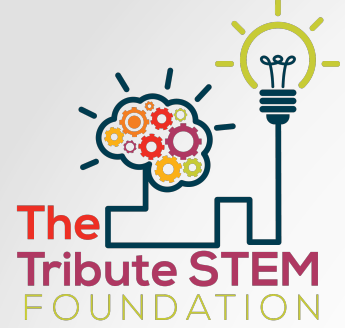
1. Teacher Appreciation Awards \$1K (Elementary/
Middle/High School): Gift Certificates, Principal
chooses
2. Develop a plan to support and integrate STEM
educational programs at the High School levels
and other campuses within LEISD.



What Will We Do?

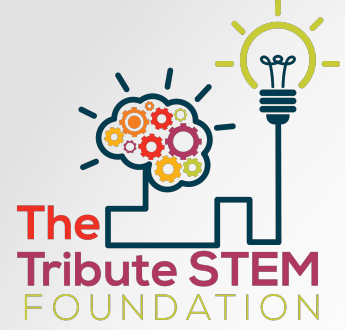
Longer-Term Impact: Educational Environments that Foster STEM-Learning

1. Learning Courtyard
2. Arts: Art Room
3. Athletic Fields



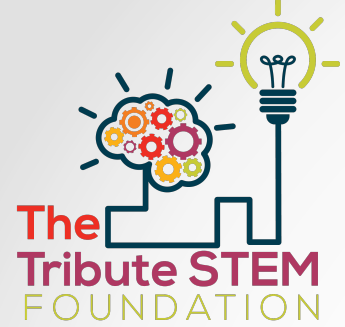
Foundation Plan 2016/17

1. Enrollment → Be part of something bigger than ourselves.
2. Determine Key Focus Areas → Immediate and Longer-Term Impact Goals.
3. Set up Committees: Members will lead various committees (based upon key Focus Areas and passion) and lay out plans for impact & action.



How Will We Raise \$\$?

1. Yearly Memberships (at least \$100 per family) – We need YOU!
2. Fund-Raising Events
3. Corporate Sponsorships



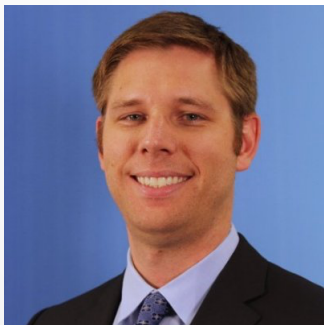
Board of Directors



Frank Niekamp,
President



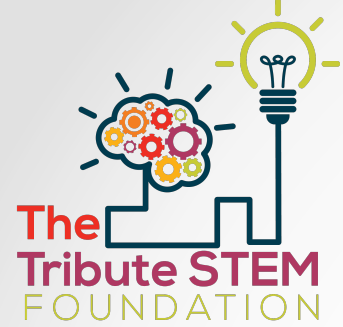
Keith Vesper,
Vice President



Ryan Sievers,
Treasurer



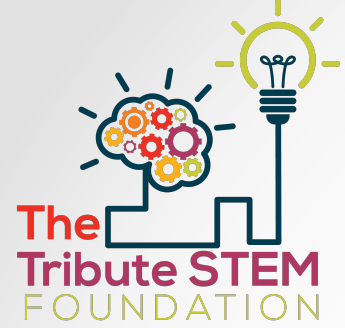
Melanie Leach,
Secretary & Public
Relations



We Need YOU!



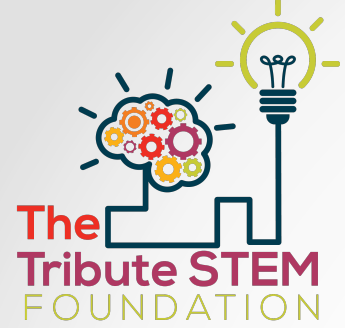
- \$100 minimum Membership fee
- Go to: **stemfound.org**, click the cute little piggy
- Membership fees AND any donations are 100% tax deductible!
- Check your company to see if it will match your donation!



Get Involved!

Sign up for a Committee you are passionate about!

How would you like to help? Let us know!



In The Works...



Prestwick STEM Academy

Learning Courtyard

Little Elm Independent School District

Integrated Design Crew Features

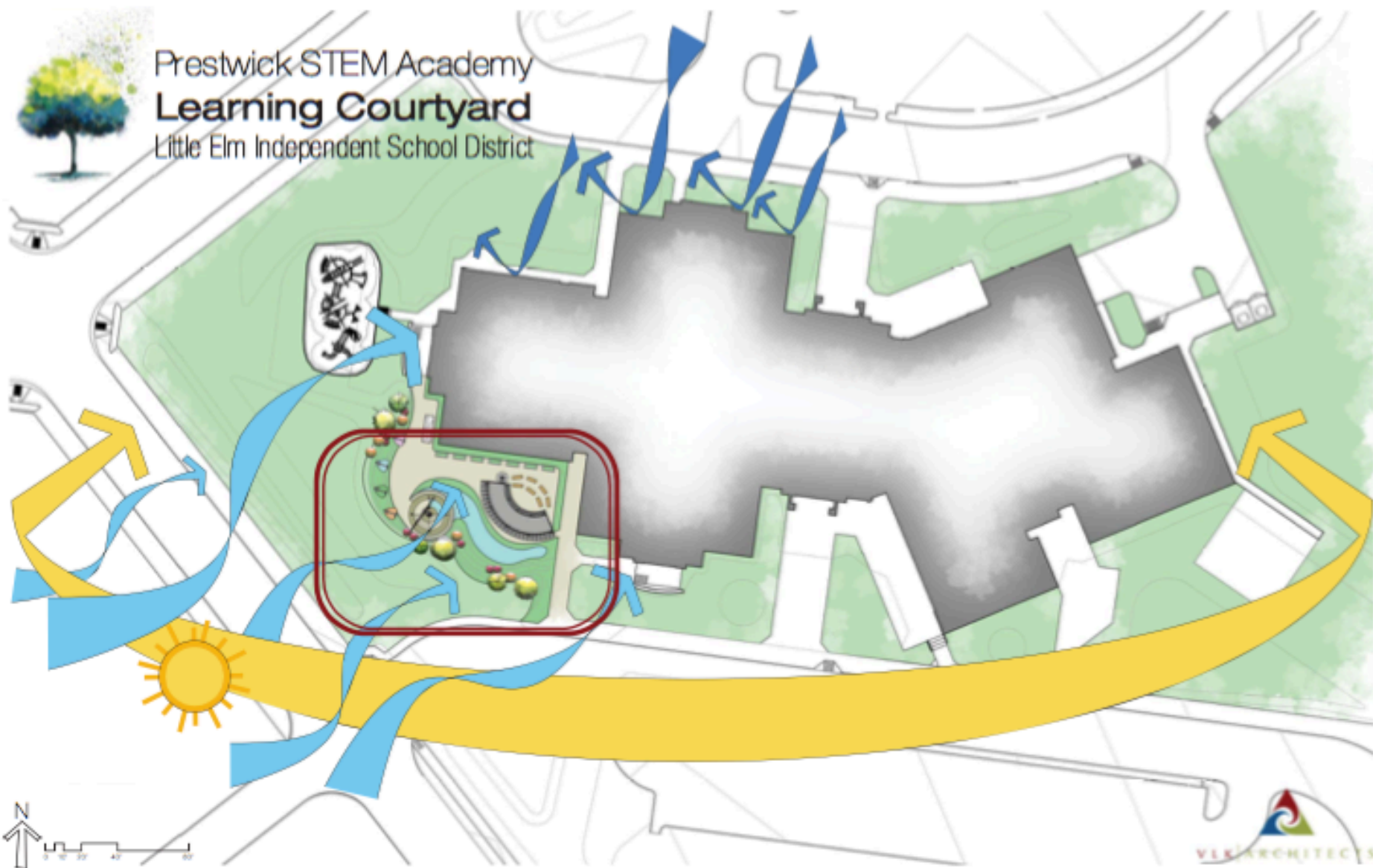
Natural materials ✓
Pond ✓
Fountain (as solar aerator) ✓
Raised beds ✓
Grass / plants / flowers ✓
Butterfly garden ✓
Pathways ✓
Student gardens ✓
Glass wall ✓
Turtles / fish ✓
Shaded area ✓
Learning center ✓
Benches ✓
Bunny / animal area
Bug area
Greenhouse

Curricular Connections

Habitats ✓
Biomes
Observation in the natural world using 5 senses
Living and non-living things
Parts of plants / photosynthesis / phototropism
Describe weather differences
Earth materials
Water cycle
Physical properties of matter
Basic needs of plants and animals / levels of organization
Scientific models: rivers, fossils
Wind energy
Metamorphosis
Wind speed, velocity
Solar energy



Prestwick STEM Academy
Learning Courtyard
Little Elm Independent School District





Prestwick STEM Academy Learning Courtyard

Little Elm Independent School District

Stream table

Wind sails

Gathering area with navigational
markers and glass bottom segment
for underwater viewing

Wind turbine

Cut through glass panel
in wall to view soil layers

Butterfly garden /
berm with flowers

Solar panels

Fossil, plant and animal imprints

Student gardens

Cistern for rainwater
collection

Learning Center with
canopy and glass MB

Log bench seating

Learning pond / biome with
aerator and stepping stones





Prestwick STEM Academy
Learning Courtyard
Little Elm Independent School District

Estimated Cost: \$500K

