STEAM FAIR

Friday, May 19th
5pm-7pm

GRADE K-2 CHALLENGE:

HELP BUILD THE CITY OF STEAMVILLE!

Students in grades K-2, to participate choose one of the city challenges. Reuse items from home, or the recycling. No need to spend big money, just be <u>original</u>, <u>creative</u>, and construct a <u>durable</u> project. Good Luck!!!

- We will display all the individual projects in one BIG CITY at the STEAM Fair!
- Bring your project to school on May 19

The STEAMville Story:

Welcome to STEAMville, a small little place. There are lots of things growing in every space!
The people are planning, building, and fixing. They imagine all the things that they will be making.

STEAMville has so many things for its people to use. There are houses, a park, and a pond with a goose!
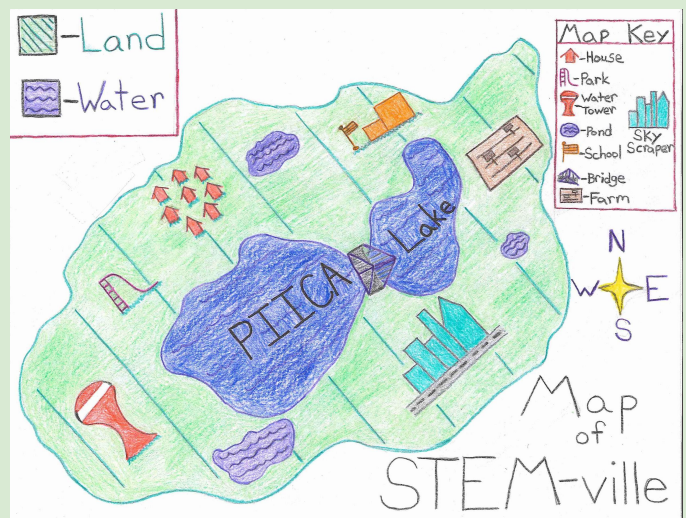*Many fun things are here to be found. You just have to look, and look all around.*

STEAMville has many great sites, as you can plainly see, but somethings are needed I think you'll agree.
The city is growing and more people are coming. They need engineers to keep them from crumbling.
A new water tower and skyscraper start off the list. These things they will need just to exist.

People need water to drink and places to live;
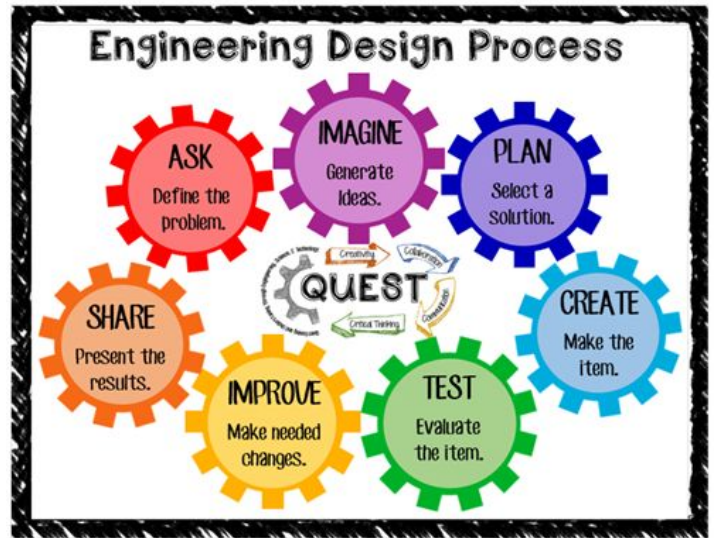*both of these things are easy to give.*

Next on the list are a bridge and a band; both of
these things are needed on hand. The bridge needs
to be fixed and the town needs some music.
These things are essential and needed quite quick.

The people need something to get in and cruise,
and finally a playground for the children to use.

Now that you've learned all STEAMville will need,
planning can start and engineering proceed.

HELP BUILD THE CITY OF STEAMVILLE!

Think about your city and the places you like to go with your family to play, to shop, to eat, for fun. What can you build for for the people of STEAMville? Below are just a few ideas.

Water Tower- Design a water tower that stands off the ground and holds water without falling over.

Transportation- Create something to get people from one place to another, it must move from one side of the table to the other with a gentle push.

Road Under Water- Oh no, there was a large storm and the road washed out! Create something to allow a toy car to travel across the river without the car falling into the rushing water.

Aim for the Sky- The citizens would like some type of air travel. Engineer something that can travel through the air without touching the ground for at least 10 feet.

Fishing Fun- Design something to take out onto the water to fish in that can hold a counting bear without it getting wet.

Other- Use your imagination to create an idea not on this list to help the city! Think about your favorite places to go (playground, theatre, treehouse, camping, hotel, out to eat) the people of STEAM-ville will enjoy those too!

Think about the size of the people who live in STEAMville when creating.

Actual Size of Bear Family!