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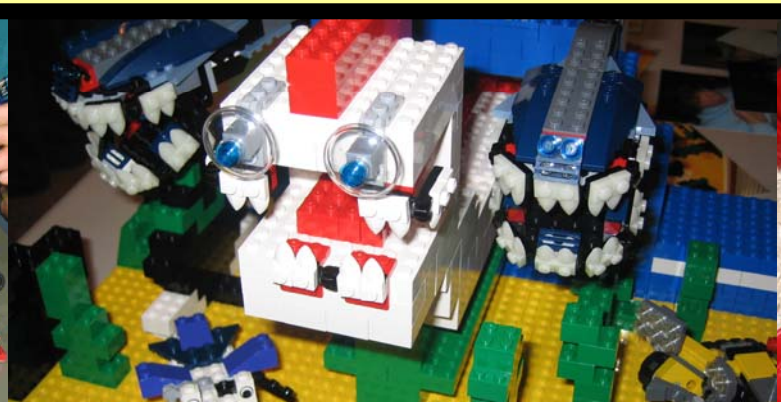
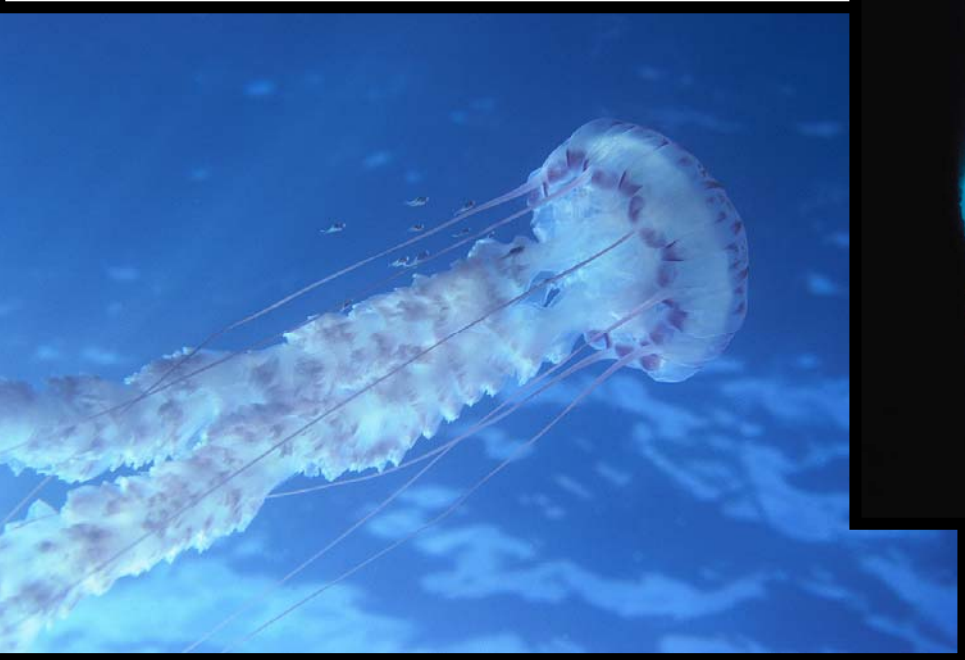
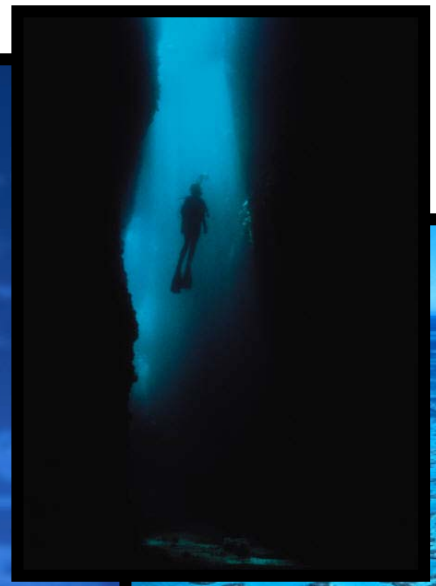
We Can Build

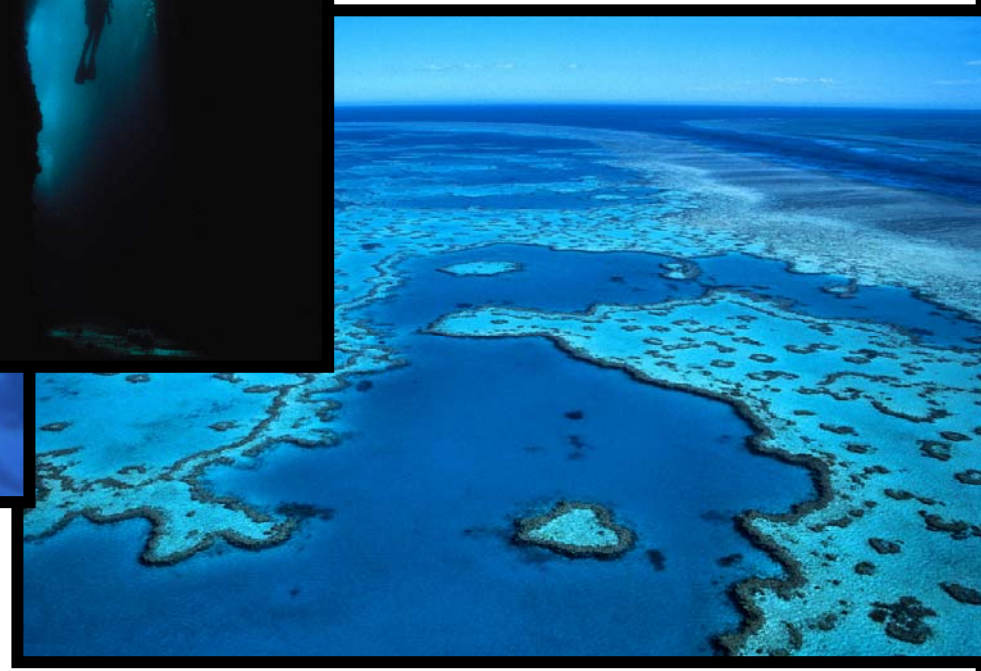



Krabby Patties
Name
Acid
Dino

Did you know the world is almost covered in water, but very little of our ocean has been explored?





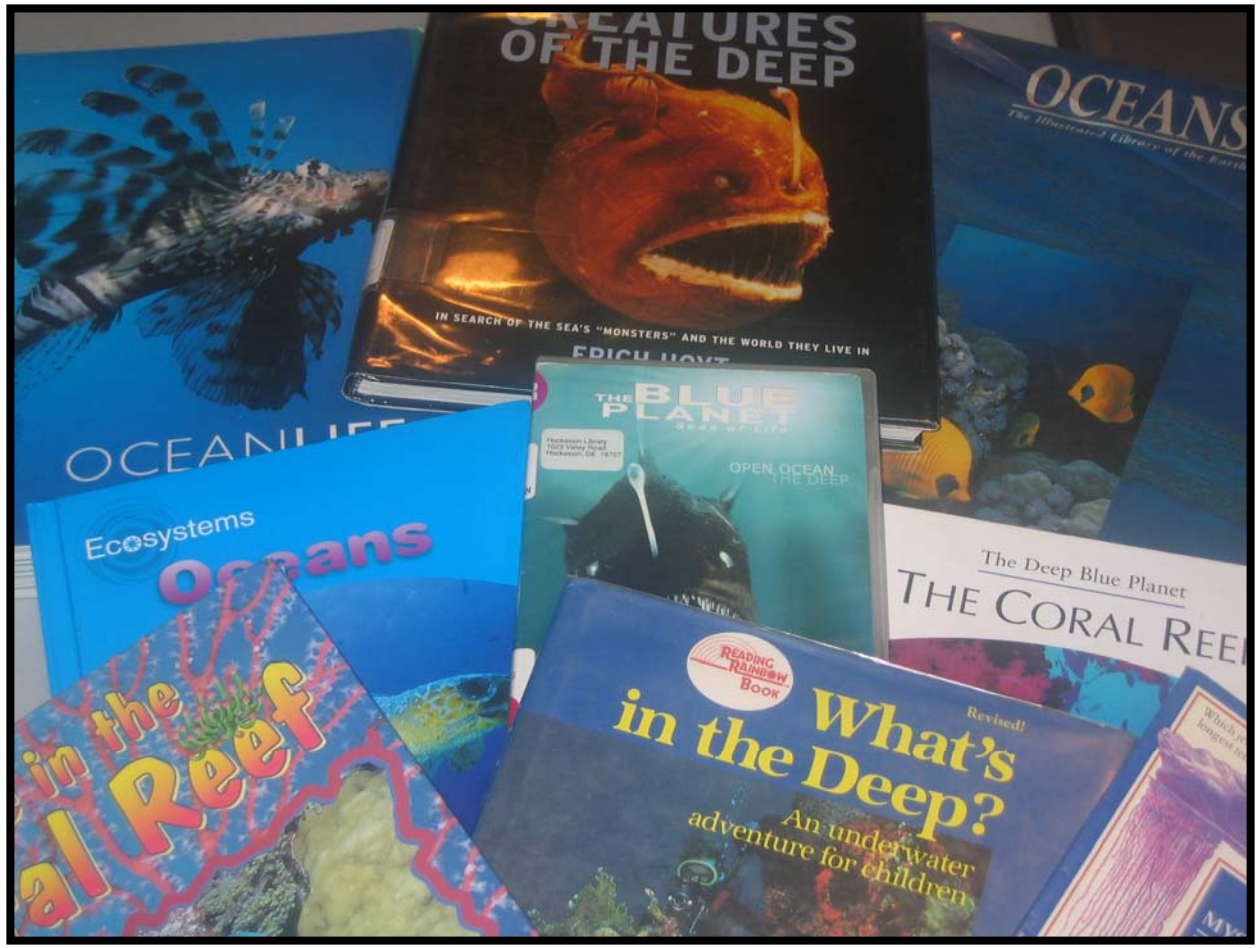


Scientists are always discovering new plants and animals beneath the ocean.

Our team has a job to imagine new plants and animals that might live in the ocean.

We will build a model of our ocean life out of LEGOs to show others.

We begin by looking at books and websites to learn about life in the ocean.



Where might our marine life live? What does it eat? What are its enemies?

We draw pictures of what our undersea life might look like. We learn from each other and get new ideas. We vote on what we want to build.

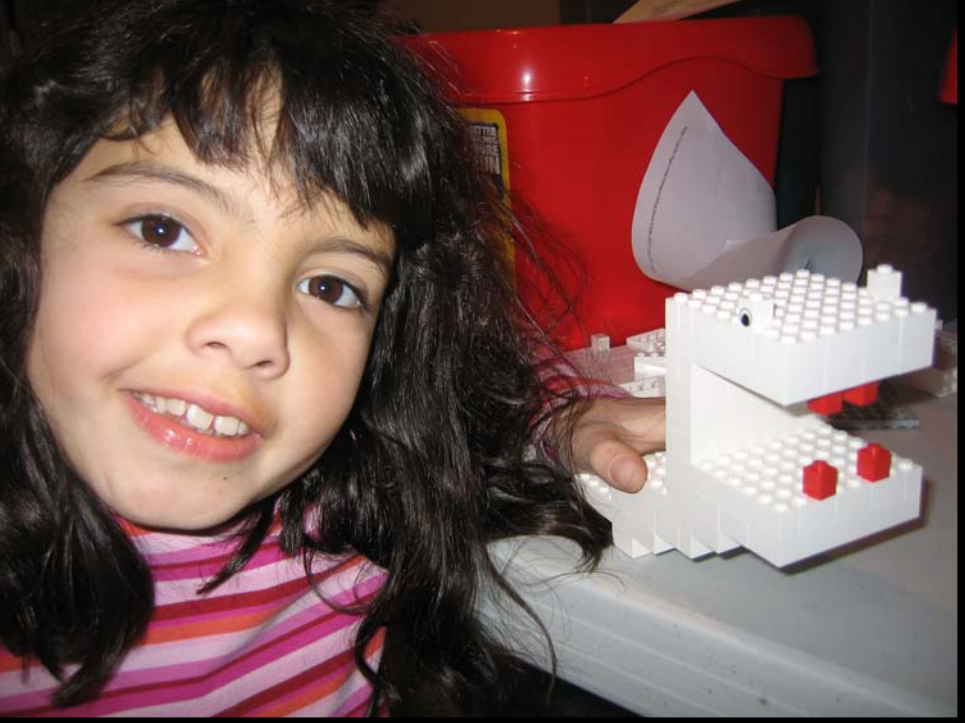
We plan how we can show our undersea life and where it lives.

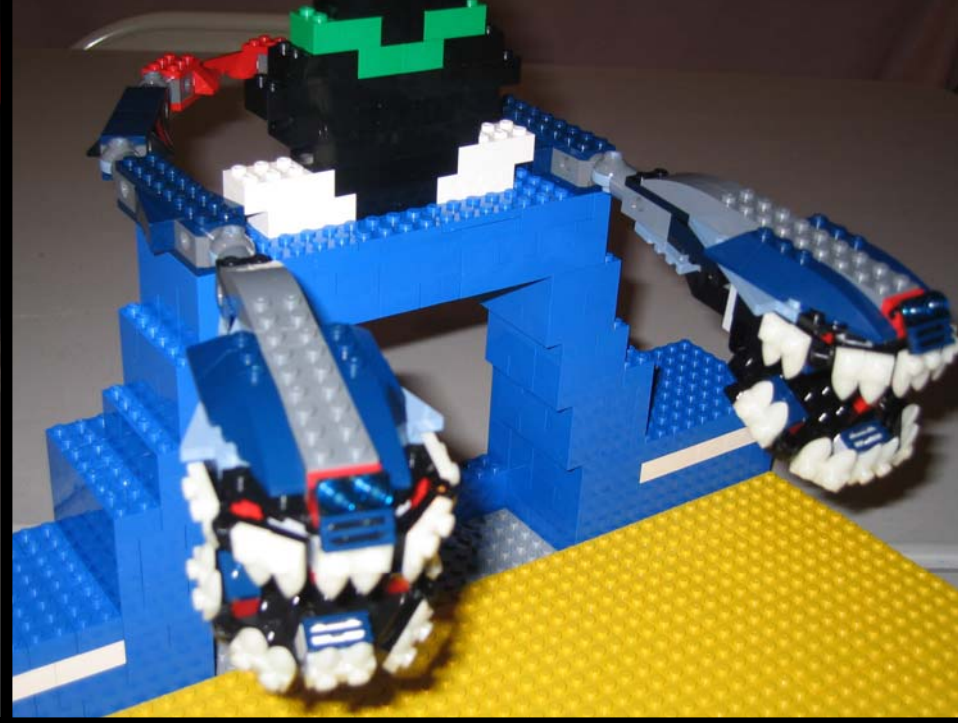
Soon, many teams will show their undersea creations at a *tournament.*

We build a vehicle to explore our undersea world.

We build and test a car that can travel on a road in our undersea world.

We build the undersea world where our creature will live. We build on a LEGO baseplate. We also build an undersea road where our car can move.





We build our undersea life. We choose to make a mother eel and twin baby eels. We name our creatures "*Acid Electric Dino Eels*."

We create a “Show Me” poster. We use pictures and words to describe the life form we might find in the oceans.

Tournament Day is finally here! We bring all of our LEGOs, our model, and our poster.

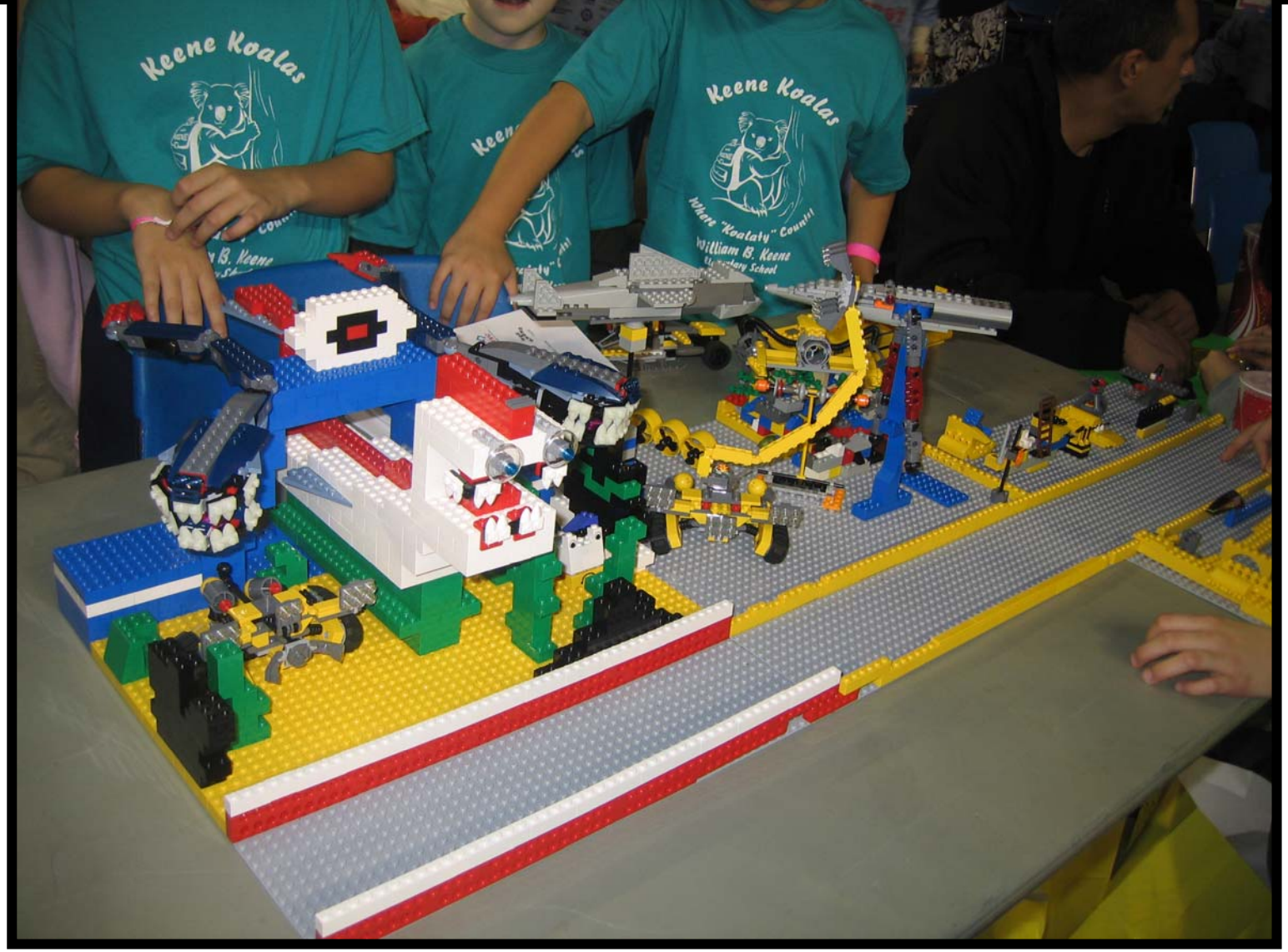
Team spirit is high! We are excited to show everyone what we have built.

We wear our shirts with our team name, *RAZOR EELS*, on them.

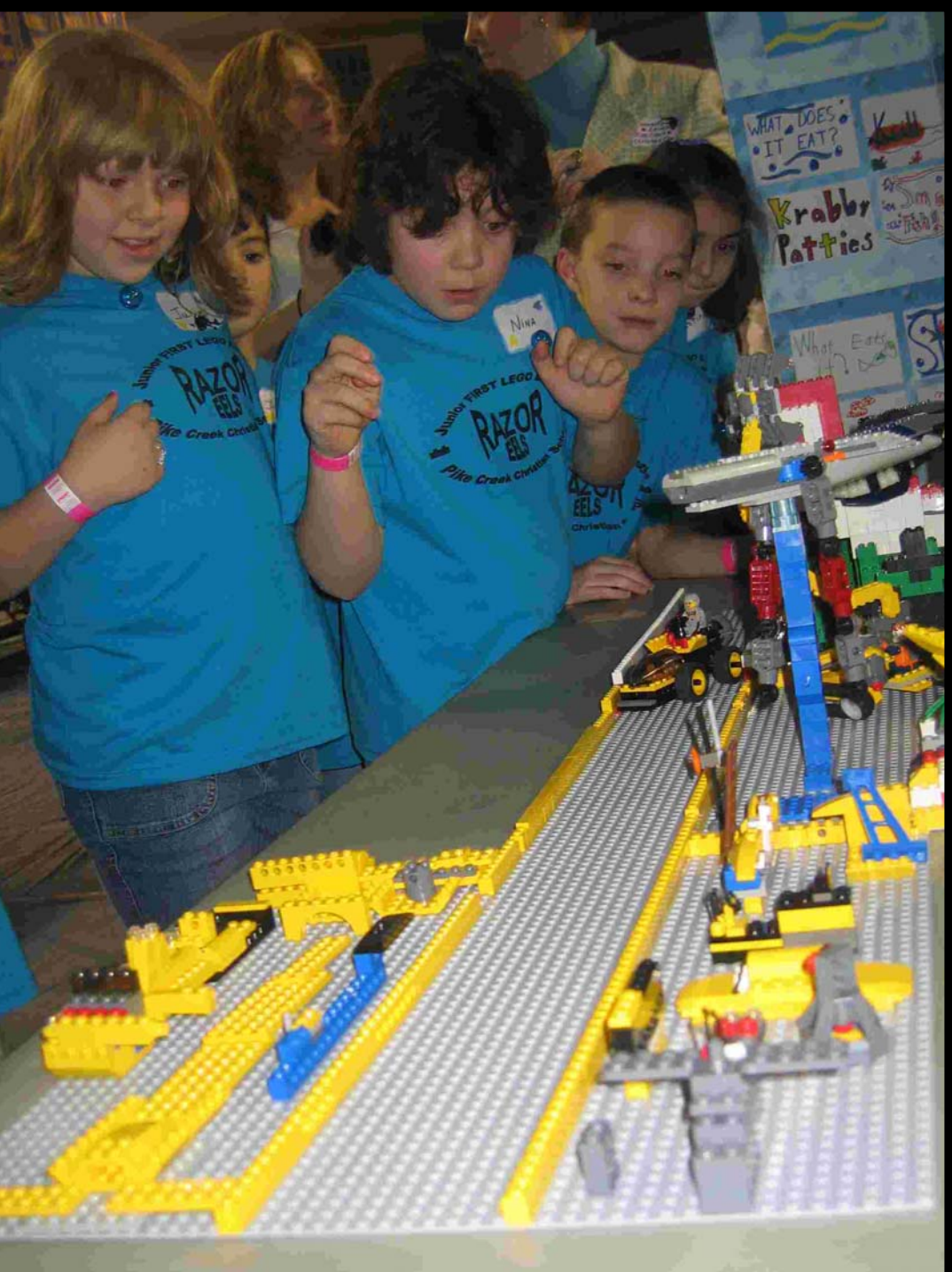
We talk with judges to explain what we learned.

Other teams have worked hard to build their undersea worlds, too.

We tell other kids about our model.



Teams connect their models to make a long road.

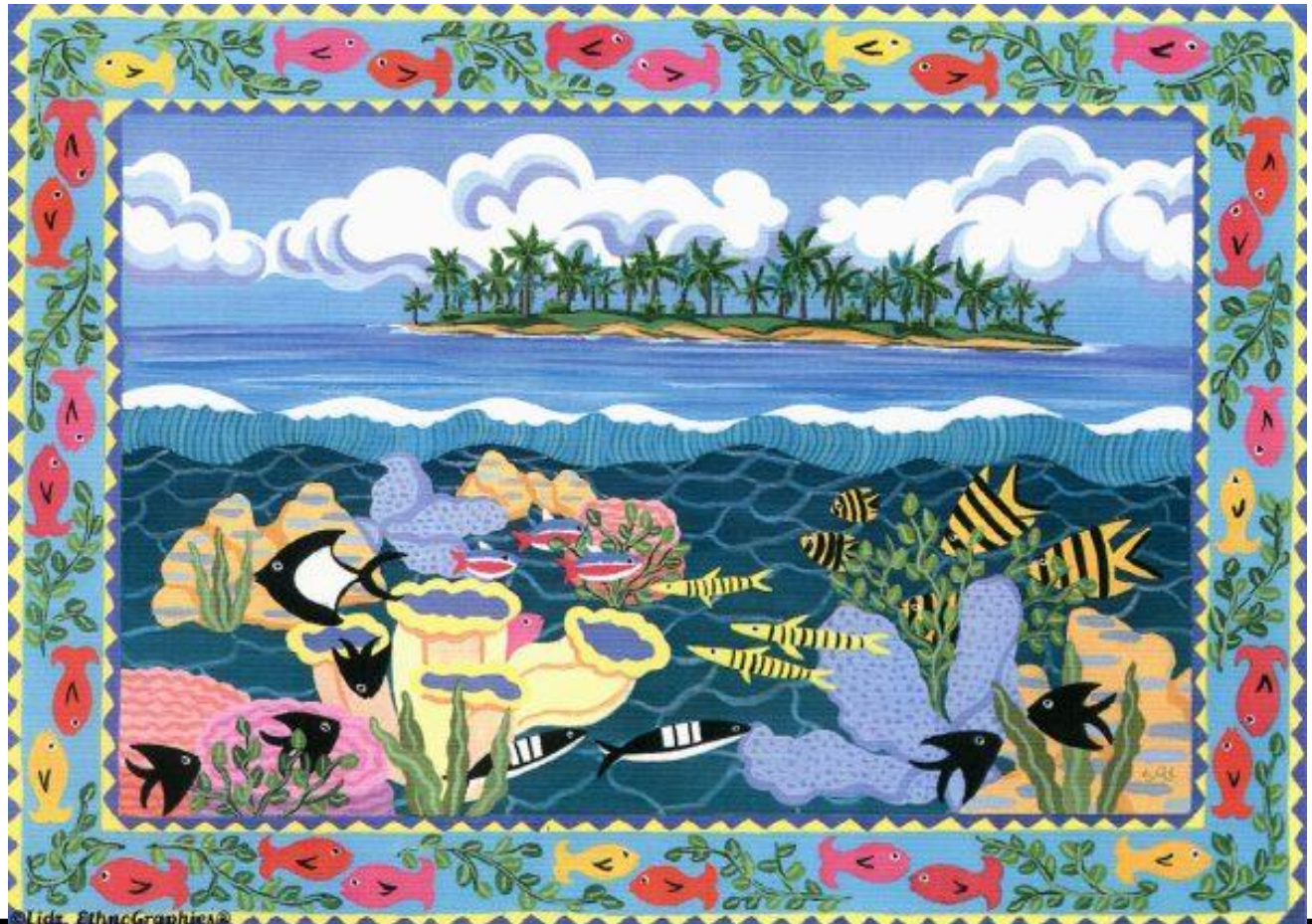


Teams take turns running their cars down the road. We hope our car goes a long way!

It feels good to do something hard. It feels good to work as a team.

Do you know what we learned?

The ocean is a big and wonderful place. It is fun to imagine that someday people could live and work there, too. Scientists will lead the way. We can't wait!



Junior FIRST LEGO League (JFLL)

is geared to children aged 6 to 9 years old. Teams of up to 5 children and an adult mentor receive a mini-challenge, which is based on the FLL (FIRST LEGO League) annual research project. JFLL students design a model depicting an aspect of the year's challenge. Children will spend about a month exploring, investigating, designing and building a model made with LEGO bricks. The pilot culminates with a celebration at one of a number of regional tournaments.

www.firstlegoleague.org

Who are we?

We are the *Miracle Workerz*, MOE 365. We are a high school robotics team that is committed to bringing the message to younger kids everywhere - Science is cool for everyone from 3 to 365! For more information on FIRST State Robotics and First State FIRST LEGO League visit our website www.MOE365.org.