

Girl Powered in China



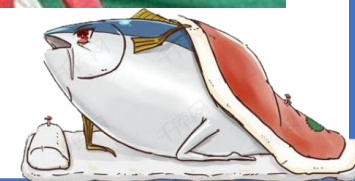
SATLED FISH



What comes to mind when hear the phrase of “Girl Powered”

I would think that girls are very dynamic.
I would think that girls are more careful than boys.
I would think that girls are more persistent and focused than boys.
I would think that girls will try all means to achieve the results.

Huang xiaolou



What comes to mind when hear the phrase of “Girl Powered”

When I heard the phrase “Girl Powered ,”
My first thought, is it superwoman?
Is the girl really that strong? Better than me?

Later, in the VEX match, there was a girl in our team. I witnessed her growth from an unknown shy girl to the most stable player in our team. I can sense her strong perseverance and determination . This is a realm that many boys can not reach. The finding like that changes my mind indeed . I am open to talk to more girls about robots in the future. Girls are welcome to join the robot world.

Bian tiancheng



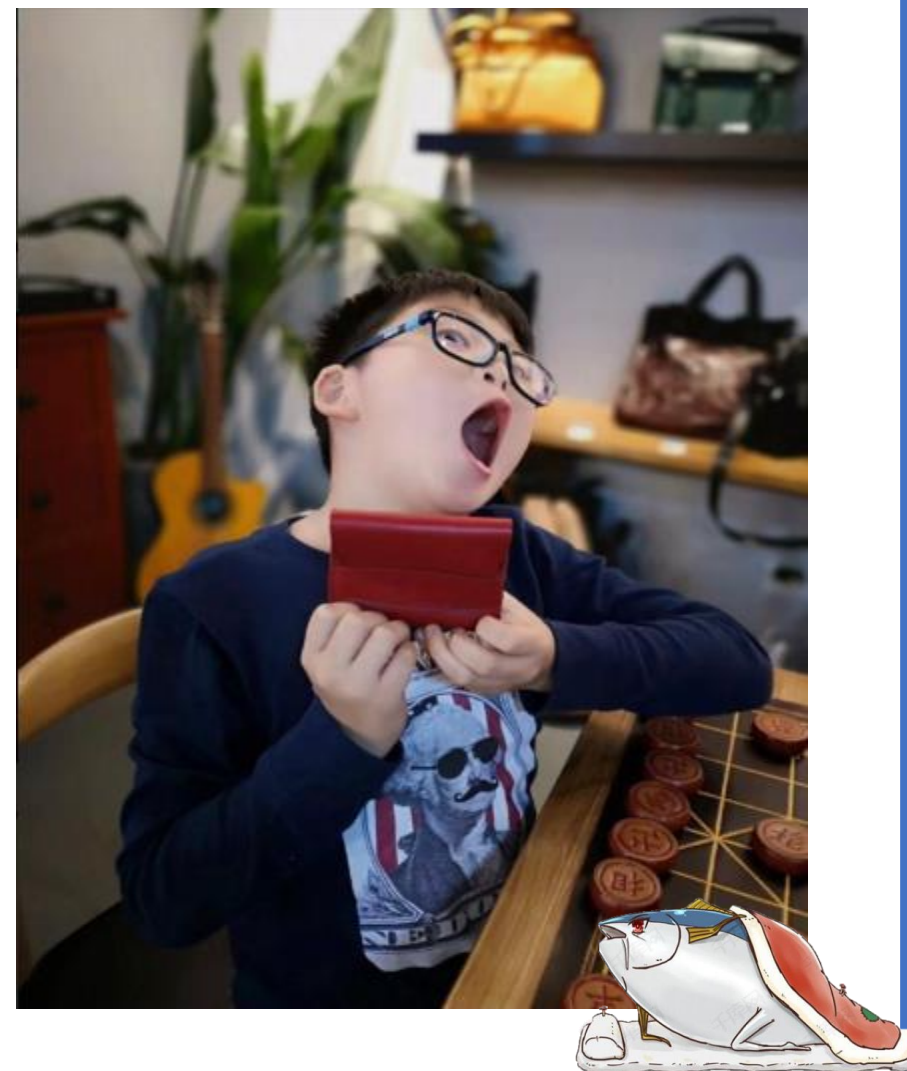
What comes to mind when hear the phrase of “Girl Powered”

As soon as I heard the phrase “Girl Powered” , I think of our team's Huangxiaolou, because she is a girl, I really think she is very good! Nice girl! great! I think of the black widow in Marvel, very clever, and very improvisational.

She's our captain and the only girl in our team, and that's

- Huang xiaolou.

Lin qijun

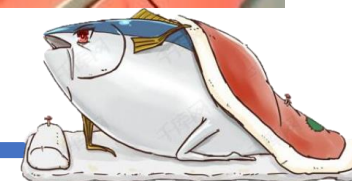


How each member plays in our team ?

“Warriors” is the name of our team. It is also our own expectation, hope we can do the best.

We come from different elementary schools, different backgrounds. We learn building, programming, and operating. Everyone takes turns to be the captain. After a period of study, everyone gradually showed their own characteristics. Huang xiaolou, she is very stable, so she becomes the leading player. Bian tiancheng is good at programming and building, so he is mainly responsible for programming and building. Lin qijun, very cheerful eloquence, so he becomes our diplomat, meanwhile , also makes great progress in operating. But we're all going to try out different roles to make sure we understand each other and cooperate more seamless after feeling each role is of something not easy. We use our spare time and holidays to study hard together and make engineering notes step by step. The one who does not do well, has to do push-ups and sit-ups to “punish” himself.





Learn Diversity via Practice

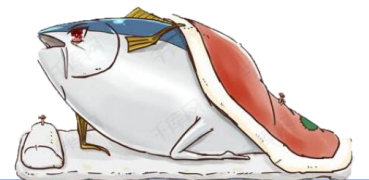
We finally had our first game-VEX Asia in the Yangtze River Delta Division. We were excited and nervous. It was a good start, the first round we played well, it was a very short happiness, the second round we suffered a setback, because of the machine physical problem , only got one score, everyone was extremely sad. Still ,the team members encouraged each other to reach the finals. In the final, due to the unchecked machine problem of the cooperative/partner team, we missed the excellence prize and won only the first prize. We felt a little sorry and hoped to perform better in the national match. However, in the national match , we did not perform up to the level expected for many reasons . Such as the time was insufficient , and the internal mistakes were also occurred .



Learn Diversity via Practice

Afterwards, we analyzed together; We had thought we had basic skills such as operating ,programming and construction, then can easily win.

In fact, Success requires diversity. For example: 1) Our equipment has mechanical problems. This is not only caused by improper maintenance, but also proves that our process control is weak. 2) Onsite , the partner team failed , which also affected our emotions so we failed to play well ,too; 3) The arrangement of match is not very well understood, leading to the insufficient time to finish the tasks... Etc . All Indicate that result requires the capability of diversity. Including efficient communication with teachers, with referees, with teammates and the hard preparation behind no matter it is visible or invisible, even support from the family .



Logo's Inspiration

There is a Chinese saying that "salty fish turning over". It means that when a person is in the low period, he suddenly encounters some unexpected opportunities and turns over. Because the last national match result turns out not good, we hope that we can reach better results in the next match. So our team logo is designed for this meaning.



SATLED FISH



Approach Affected by Diversity

So, we changed our approach.

- 1) Consult the teacher for the requirements of each match and take notes.
- 2) Communicate with other teams from the city and even the province, practice as much as possible with different teams to simulate real match and experience the skills we do not know or we are not good at yet.
- 3) Communicate with our parents to show that we love our robots and ask our mothers to support us to continue practicing together.
- 4) The three of us are enriching our respective strengths, such as participating in PYTHEON programming, C++ programming or operating different materials /machines .
- 5) Even it is not for the match ,we still keep very close with each other , discussing how to improve continuously.

In short, we change from being door-closed to door-open, allowing diversity to lead our robotic learning. Our studies are more attuned. The results have also been more efficient.



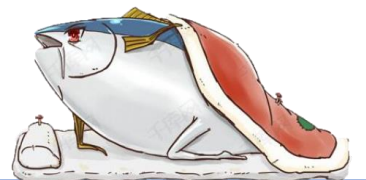
Our Model driven by Diversity

The Model we worship is Ms. Tu Youyou. She used her knowledge of Chinese medicine to discover artemisinin and won the Nobel Prize in medicine, which has made great contributions to human health. Traditional Chinese medicine is also a treasure left by ancient-Chinese to the world. She can extract medicine that helps the world based on diverse scientific knowledge. It also shows how important diversity is.

She is known as "three nos" -no doctoral degree, no background of studying abroad, no title of academician, but her achievement is also recognized by the whole world. This says the success source can also be diverse!

And ... Moreover, she is a petite Ningbo woman. She has suffered many failures, and experienced numerous experiments. Her spirit of not giving up inspires us.

At the same time, she is also our Ningbo native in China. She is our Idol, especially for girls, Great the world offers the girls the opportunity of diversity and success for us to contribute.

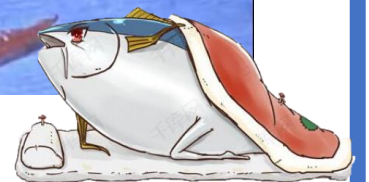
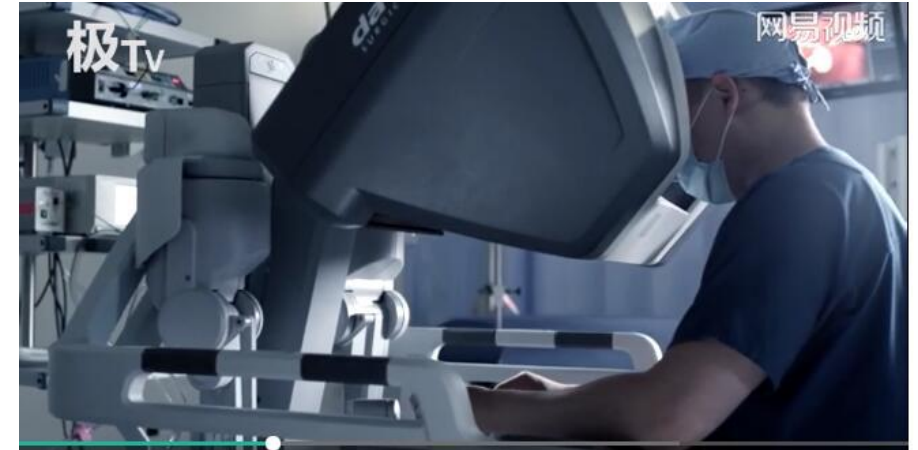


Apply further to STEM

During the study of STEM, we pay special attention to practice. The goal is to apply the learned knowledge to real life. We also try different applications such as thermostat, solar trolley and so on.

Look, We admire the medical robot da Vinci, which can peel grapes and repair butterfly wings, we think it's awesome! ...

Of course, the STEM course must include girls! They have as much courage, determination and intelligence as boys. Boys and girls together can play their part in creating a better world.



Other Practice to Grow Diversity

In order to improve our performance , we also participated in many other matches:

RoboWave, RoboCup, Botball, and so on. We hope to make our knowledge and team more diverse, comprehensive, and achieve good results in more professional and world-class matches such as VEX.

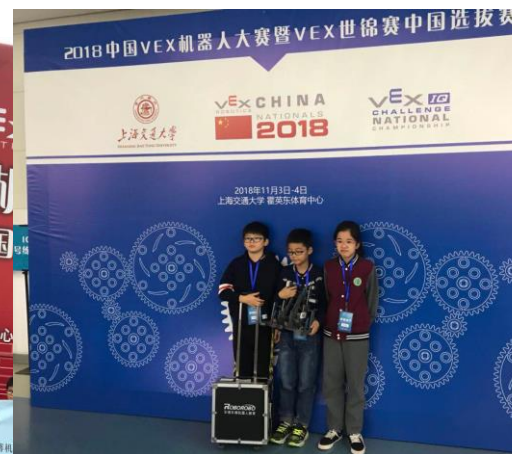
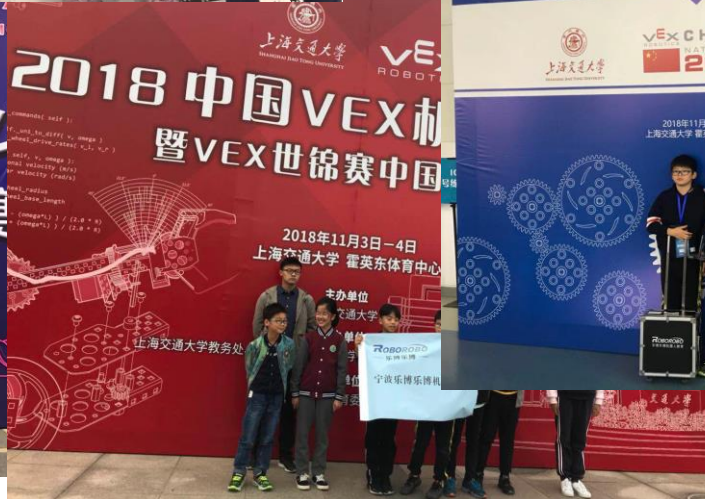
Our dream is to participate in the World Championships of VEX , share with more people of

“China's Girl Powered”!



14th ROBOROBO International Robotics Competition

浙江赛区
中国·杭州



Girl Powered In China_salTED fish

Name of the team : "Warriors_salTED fish"

No: 9162 C

Name of the team member :(from left to right)

1: Bian tiancheng

2: Huang xiaolu

3: Lin qijun



Thank You for Listening
the End

