

Introduction to Robotics Age Trial Class/First Class

Hello everyone. My name is _____ and I'm your robotics instructor.

Who knows what a robot is?

What is this word, robot?

Who knows the meaning of the word *rabota*?

Rabota is a word in Czech (also known as Bohemian) and it means 'work.' So do you guys understand why a robot is called a robot? It's because it's a mechanical tool that does work. Whose work does it do??

So now that we understand what the definition of a robot is, lets see which robots we know.

Is an elevator a robot?

Excellent. An elevator is a robot. We used to have to climb the stairs, but today we can simply enter an elevator, press on a button and arrive at our destination.

Computer?

Yes, a computer is a robot and it does a lot of different jobs in writing.

iPhone?

Of course it's a robot! In ancient days, when people wanted to talk to others, they had to order a horse and a mail carrier to deliver a letter. Then we had the carrier pigeon. We used to tie a letter to its foot and send it to the letter's destination. Next, we developed mail such as UPS, which we use to send letters. Today, we can simply use an iPhone to send a text message...

Now, I want to ask you another question. When I go into an elevator, do I take out a computer and begin to program the elevator to go up to the 3rd floor? No! This means that someone already programmed the elevator to know to go up to the 3rd floor when a certain button is pressed!

Throughout our course, we won't only build robots but also learn how to program and activate them using computers! We are going to be the programmers!

We will build many models of robots such as an excavator, a face, a crab, a maze and more!

Each of you will work on his own model and take it home!!! You will never have to leave any finished robots with me. You will take everything home with you!

And now we will start with our first electronic model, a motorized propeller racer!