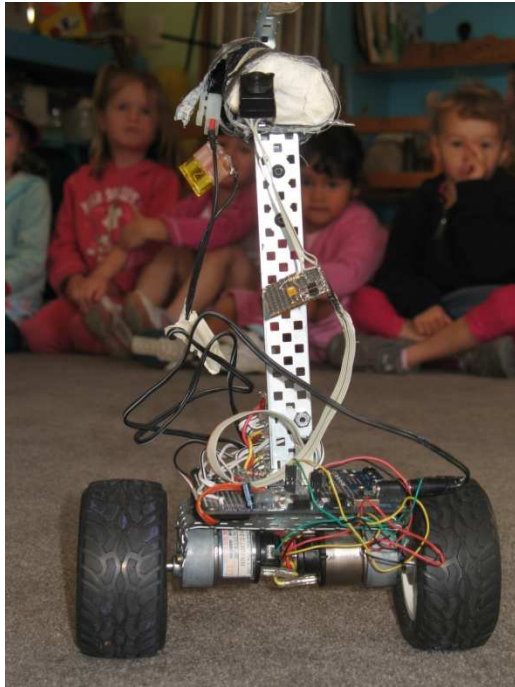


# Robbie red robot's visit...



**A special thank you to Hanno who visited with his Robot -which was named Robbie.**

Anja has been very excited to share her Dad with us for the morning....and to ask Dad to talk all about this special Robot....Which he has built all by himself. We have been looking also at the letter Rr....and came up with the word - remarkable! Which this Robot is!

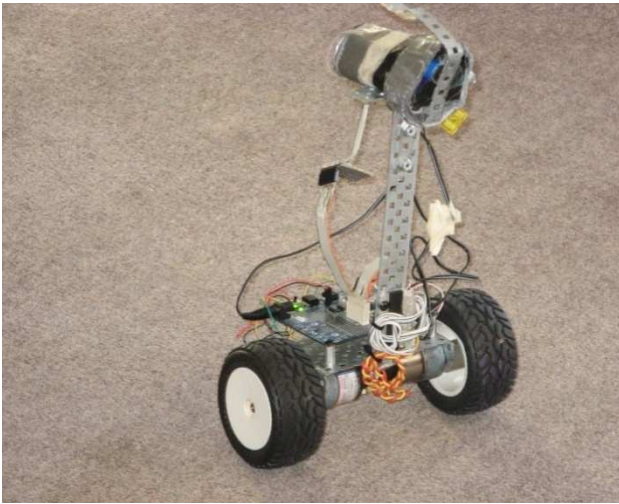
"When you build things by yourself - your brain has to work really hard! Our brain is like a computer...our eyes like a camera!"

Hanno explains this wonderful invention, relating to the children in terms they will understand....and the children ask many questions.

First we watch...as the little robot `wakes' up. It is a little confused initially and moves almost reluctantly to find its own balance..

"..ears tell you sounds, and also which way you are leaning." explains Hanno.

"It only goes on two tyres, and no more?" queries Jake..."Good question, how many does a car have? Four! "Yes, with Two wheels - it is easy for him to turn around!" Hanno gives a more detailed description , and Anja who is proudly holding the Robot adds **"But Dad - It is a girl Robot!"**



"How did you make it?"

Hanno explains that the computer programme takes a long time to complete before he started on this robot, he needed tools, mechanical tools, steels, a hand saw, screws. That he needed to go to school and learn subjects such as mathematics, physics and science, and step by step make it.

Blake asks "How does he swim?"

"He ..she would typically break, as it is not designed to be in water."

Tired robots? It goes to sleep! Just like you, and has it's batteries re-charged!

Anja then tells the children all about showing her Dad showing the robot to a `robot-club' - and he (Dad) wears his black pants and blue shirt!

If you want to know more about Robots you can visit a site `kiwibot@org.nz

Rhyan asks "Does he have lots of friends at the club?"

A good question Rhyan.....In this future world will robots have friends?

"But where are the batteries?" asks Maya....more questions are asked and answered and as we leave the mat for play-time -we are left with the whole question of....`balance' -if you place a pencil on your hand will it balance as easily as a broom handle?

***Over the next few weeks we will encourage children to question! To have opportunities to explore how things move and can be moved...blowing - pushing - rolling -swinging -sinking! Children will have access to technology to help explore movement - wheels, pulleys, magnets.....and of course I.T computers...If YOU have skills and interests in physics, mathematics and everyday mechanics, come join us!***



(Anja - this document went onto our wall display so that all the Kidsfirst community could see how exciting it was to learn about Hanno's and robots visit to Kindy.)  
We have placed this into your port-folio to remind you of this day....just take a look at Blake, Josh and Louis! How excited they are to learn about this special robot.)