




Setpoint Capybara

Remote control cart  
(Class Plan)

	Setpoint Capybara
Remote control car	

Contents:

- Motors, gears and sensors: concept and application.

Goals:

- Introduce the Lego WeDo kit components.
- Establish a code of conduct for robotics classes.
- Introduce the concept of motors, gears and sensors.
- Promote autonomy.

Skills and Abilities:

- Solve problem involving information presented in tables and / or graphs.
- Find explicit information in a text.

Material:

- Computers
- Lego WeDo Kit

**Strategies / Development:**

Reception – 20 min

Welcome everyone. Today, children are expected to be more anxious and agitated. Contact with Lego causes joy and curiosity. Initially we will present the rules for using the kits.

Knowledge Block - 15 min

Objective:

- Present the main pieces of the lego kit.
- Provide theoretical subsidy for the use of the parts
- Show the group the components of a kit. Basic parts and special parts (connector, motor, distance sensor and movement). At today's meeting our attention will be devoted to motors, gears and tilt sensor.
- Read the text with the group and make a brief comment.

Steps 1.1 and 1.2 - 1 hour

Objective:

- Develop selection and organization skills.
- Provide means for the student to perform the assembly alone.