

NAME:

DATE:

## THE PICKING MACHINE INVENTION

Look at the picking machine of the story and invent a machine for your house.



Following, I explain the steps you should follow with your invention.

1. In session 1 you should think on the machine you want to do.

(Teacher's example)

- Name: PICKING CUMBA 3.0. machine.
- Use: This machine is perfect to pick and clean up very easily all the mess and spread items in your house.
- Properties: It is environmentally friendly. It allows you to pick up all the mess at home. It includes an electrical motorbike with four arms that allows you to move around the different house rooms and garden picking up and cleaning up all the mess. It can pick up toys and threw items, bend blankets, shake cushions and sheets, clean the dust, sweep, etc. It will save you a lot of time of housework and do for you the most hated tasks at home.

- **Materials** The bike body is made of 100% recycled plastic. Wheels and arms are made of stainless steel, and recycled rubber.
- **Materials properties**
  - Light and cheap: recycled plastic is resistant but lightweight, in order to favor mobility and prevent crushes.
  - Resistant arms: they are made of stainless steel, an alloy that resists rust and corrosion but keeps resistance and hardness.
  - Insulation: globes are made of latex air balls, a material easily cleanable and thermal and electricity insulator.
- **Design:** The machine includes: A motorbike with three wheels and a cabin for sitting down with last technological panels (Bluetooth, air-conditioning, airbags, ergonomic seats, adaptable steering wheel...). Lastly, it has four flexible and light arms that pick up things, pass the mope, sweep, make beds... and all the housework needed!

Now is your turn, think on your invention:

- **Name:**
- **Use:**
- **Properties:**
- **Materials:**
- **Materials properties:**
- **Design:**