

## *Black Eagle - work frees*

### Team picture:



### Logo:



**Team members:** Johan Štraus – Design manager  
Matej Halčák – Reporter  
Michal Hanták – Construction manager  
Tomáš Sabol – Reporter

### **Market research:**

We have been asking people in our neighborhood what should we build. Our research sample was girls and boys from 12 to 15 years old. They could choose from different models (animal, robot or toy), colours and functions.

**Research results:** They decided for model of a robot which will look like Wall-E and like the real Wall-E our robot Mozo will be orange, too.

**Engineering:** Our toy is powered by small engine. Our Mozo is remote controlled robot.

**Design:** We have chosen orange colour because of the original Wall-E. The eyes of our robot are made of Styrofoam and it also has two small lights in his eyes. The function of our robot is to be something like trash container. Its belly can be opened and you can put trash inside.

**Material:** We used carton, tape, Styrofoam, lights, small engine, thread, battery

**Advantages of our robot:** Our robot can be used as a trash robot. It's easy to control and it looks really attractive.

### **Picture of final product:**

