

THE STORY OF THE PIG

Group: _____



S8
T1-4
L3-4






Robotic task card

Your name _____

Build a robot that can move it's _____

Use actuators and sensors for building:

“Senses” are green
“Actions” are blue
Choose the needed parts!
Check the boxes!

Stduino  Controls the robot <input type="checkbox"/>	Servomotor  For joints of robot Motor with angle control <input type="checkbox"/>	DC motor  Moves the robot in linear direction. <input type="checkbox"/>	Sound sensor  Detects sound <input type="checkbox"/>	Light sensor  Detects brightness <input type="checkbox"/>
Accelerometer  Detects tilts and motions <input type="checkbox"/>	Reflective infrared sensor  Detects the presence of an object by the reflection <input type="checkbox"/>	Touch sensor  Detects contact with object <input type="checkbox"/>	Electronic buzzer  Control the sound make a melody <input type="checkbox"/>	LED  Four colors: red, green and white <input type="checkbox"/>

Build and program so that the robot _____

Use the Technical Corner for robotics helping materials!