Depend of the age of children and previous Mindlab courses they have follow

Week 1

* Introduction
* Thinkercad introduction
* Top robot design
* If some of them have finish :
  + Ultrasound and IR introduction
  + Or try other design, tank, car, dinosaur, play with eyes(LEDs) location

Week 2

* Thinkercad finishing
* Introducing all component by questioning if they know each of them
* Assembly of all components together
  + Arduino nano, motor, motor driver, motor connection, power connection already setup
  + Only the input output of the arduino
* Hot gun glue for LEDs, connectors, IR sensor

Week 3

* Introducing blocklyduino
* 2-3 different example with spare Arduino nano
  + Blinking LEDs
  + Buzzer
  + Serial
  + Ultrasonic? (library problem)
* Comparison between graphic use and part in C
* Learn to upload and use Arduino IDE

Week 4

* Start with motor robot program
* And ovoid obstacle robot program
* And remote

Week 5

* Game of mistake in the code

Week 6

* Finishing the robot, customize, LED, buzzer, draw a pattern, …