

Level 1 Objective (3 minutes)

- Robot must start at start sound device and LED must light up when sound is detected
- Robot must extinguish flame in level 1 arena
- Red LED must light up when flame is detected and turn off when flame is extinguished
- Avoid dog obstacle (do not touch dog or continue along hallway with dog in it)

Level 2 Objective (4 minutes)

- Robot must start at start sound device and LED must light up when sound is detected
- Robot must extinguish flame in level 2 arena
- Red LED must light up when flame is detected and turn off when flame is extinguished
- Avoid dog obstacle

Level 3 Objective (5 minutes)

- Robot must start at start sound device and LED must light up when sound is detected
- Find and rescue baby doll from cradle in shortest amount of time
- Video detect green LED, when video sensor detects baby it will turn on, will be off at all other times
- Find and extinguish all flames in level 3 arena
- Red LED must light up when flame is detected and turn off when flame is extinguished
- Avoid dog obstacle
- Move through obstacles (furniture, rugs, and mirrors)