# Activity 8 – Flowchart
# (as mentioned in Teacher Document Line Follow)

UK Electronics
Skills Foundation

```
                    ┌─────────────┐
                    │    Start    │
                    └──────┬──────┘
                           ↓
                          ●←──────────────────────┐
                           ↓                       │
                    ┌─────────────┐                │
                    │ Move forward│                │
                    └──────┬──────┘                │
                           ↓                       │
                        ╱     ╲        no          │
                      ╱  Sensor ╲──────────────────┘
                      ╲ detects ╱
                        ╲ black╱
                           │
                          yes
                           ↓
                 left  ╱       ╲  right
            ┌─────────╱  Which   ╲─────────┐
            │         ╲ sensor?  ╱         │
            ↓           ╲       ╱          ↓
   ┌─────────────────┐              ┌──────────────────┐
   │ Stop left wheel │              │ Stop right wheel │
   └────────┬────────┘              └────────┬─────────┘
            └──────────────●←────────────────┘
                           ↓
                          ●←──────────────────┐
                           ↓                   │
                        ╱       ╲              │
                      ╱Black line ╲   yes      │
                      ╲still       ╱───────────┘
                       ╲detected? ╱
                           │
                          no
```