

BILL OF MATERIALS

Item to be created: Smart-Grow Planter

Qty to create: 1

COMPONENT	DESCRIPTION	BASE QTY	COST PER UNIT
Planter Pot	Long planter pot with hose hole	1	\$5.00
Project Box	Grey Plastic Project Box	1	\$15.00
Pump hose	Clear hose	1	\$1.00
Water Reservoir		1	\$0.00
Arduino MKR1000	Included in Lab Kit	1	\$0.00
4-Channel Relay		1	\$5.00
Water Pump		1	\$5.40
Green LED	Included in Lab Kit	1	\$0.00
Red LED	Included in Lab Kit	1	\$0.00
Wire	25ft spool from Sayal	1	\$15.00
220 Ohm Resistor		2	\$1.34
AA Battery Holder	3V power supply, 2 batteries	1	\$0.00
Moisture Sensor	Included in Lab Kit	1	\$0.00
Micro-USB cable		1	\$0.00
USB Wall adapter 5V		1	\$0.00
AA Batteries		2	\$4.00
Float Switch		1	\$12.00
TOTAL COST:		\$69.08	