Factorio

Resources	Total Needed
Iron Ore	**154621.67**
Copper Ore	**149980.83**
Coal	**15233.33**
Stone	**20666.67**
Oil	**14228333.33**

Smeltables		Ingredient Requirements		
Iron Plate	153621.67	Iron Ore	1	153621.67
Copper Plate	149980.83	Copper Ore	1	149980.83
Steel	9400	Iron Plate	5	47000
Stone Brick	10333.33	Stone	2	20666.67
Petroleum	394416.67	Oil	20	7888333.333
Light Oil	60000	Oil	36	2160000
Heavy Oil	95000	Oil	44	4180000
Craftables				
Gears	11763.33	Iron Plate	2	23526.67
Copper Cable	246728.33	Copper Plate	0.5	123364.17
Iron Sticks	8000	Iron Plate	0.5	4000
Pipes	1366.67	Iron Plate	1	1366.67
Lubricant	9500	Heavy Oil	10	95000
Solid Fuel	10000	Light Oil	5	50000
Sulfuric Acid	23333.33	Iron Plate	0.02	466.67
	23333.33	Sulfur	0.1	2333.33
Sulfur	5983.33	Petroleum	15	89750
Intermediate				
Green Circuits	65265	Iron Plate	1	65265
	65265	Copper Cable	3	195795
Yellow Belts	5565	Iron Plate	1	5565
	5565	Gears	1	5565
Inserter	5565	Iron Plate	1	5565
	5565	Gears	1	5565
	5565	Green Circuits	1	5565
Engine	633.33	Gears	1	633.33
	633.33	Steel	1	633.33
	633.33	Pipes	2	1266.67
Plastic	30466.67	Coal	0.5	15233.33
	30466.67	Petroleum	10	304666.67
Battery	866.67	Copper Plate	1	866.67
	866.67	Sulfuric Acid	20	17333.33
	866.67	Iron Plate	1	866.67
Cement	1000	Iron Ore	1	1000
	1000	Stone Brick	5	5000

Rails	16000	Stone Brick	0.5	8000
	16000	Steel	0.5	8000
	16000	Iron Sticks	0.5	8000

Advanced

Electric Engine	633.33	Green Circuit	2	1266.67
	633.33	Engine	1	633.33
	633.33	Lubricant	15	9500
Red Cicuits	12733.33	Copper Cable	4.000	50933.33
	12733.33	Green Circuit	2.000	25466.67
	12733.33	Plastic	2.000	25466.67
Blue Circuits	1200	Green Circuit	20	24000
	1200	Red Cicuits	2	2400
	1200	Sulfuric Acid	5	6000
Robot Frame	433.33	Battery	2	866.67
	433.33	Electric Engine	1	433.33
	433.33	Steel	1	433.33
	433.33	Green Circuit	3	1300
Electric Furnace	533.33	Red Cicuits	5	2666.67
	533.33	Steel	10	5333.33
	533.33	Stone Brick	10	5333.33
Red Modules	533.33	Green Circuit	5.000	2666.67
	533.33	Red Cicuits	5.000	2666.67
Blue Modules	1000	Green Circuit	5.000	5000
	1000	Red Cicuits	5.000	5000
LDS	1000	Copper Plate	20	20000
	1000	Plastic	5	5000
	1000	Steel	2	2000
RCU	1000	Blue Modules	1.000	1000
	1000	Blue Circuits	1.000	1000
Rocket Fuel	1000	Light Oil	10.000	10000
	1000	Solid Fuel	10.000	10000
Rocket Silo	1	Electric Engine	200	200
	1	Cement	1000	1000
	1	Pipes	100	100
	1	Blue Circuits	200	200
	1	Steel	1000	1000
Rocket Part	100	Rocket Fuel	10	1000
	100	RCU	10	1000
	100	LDS	10	1000

Science

Red	5750	Gears	1	5750
	5750	Copper Plate	1	5750
Green	5565	Inserters	1	5565
	5565	Yellow Belts	1	5565
Blue	3650	Engine	2	7300
	3650	Sulfur	1	3650

	3650	Red Circuits	3	10950
Purple	1600	Production Moc	0.333	533.33
	1600	Electric Furnace	0.333	533.33
	1600	Rails	10	16000
Yellow	1300	Robot Frame	0.333	433.33
	1300	LDS	1	1300
	1300	Blue Circuits	0.667	866.67