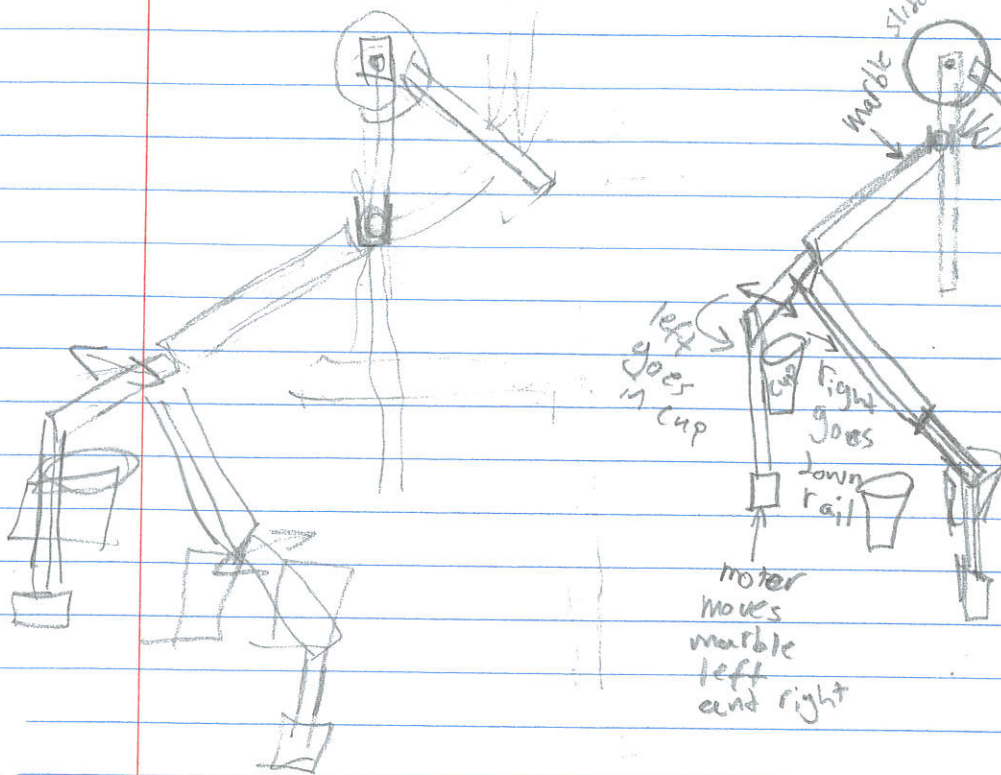


Walter Andrus-Edens

Sofa Mathram

2-2-15

Poe:) st



marble slides down

swings to hit marble

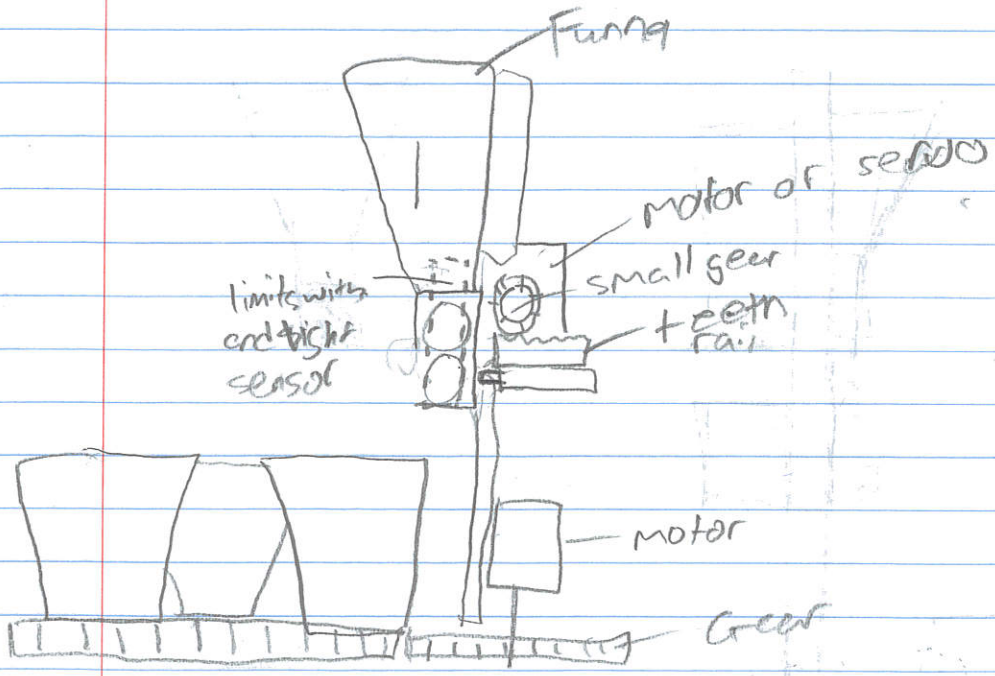
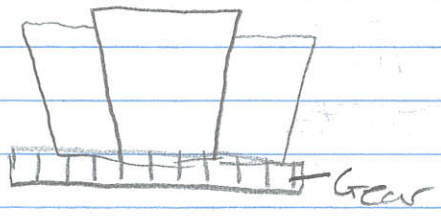
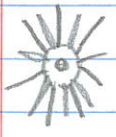
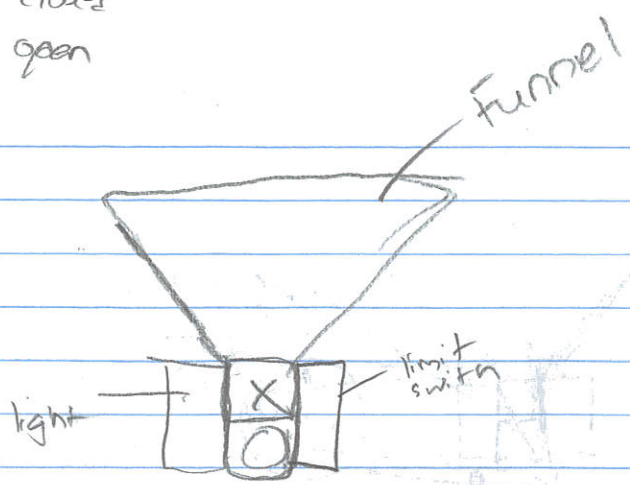
left goes in cup

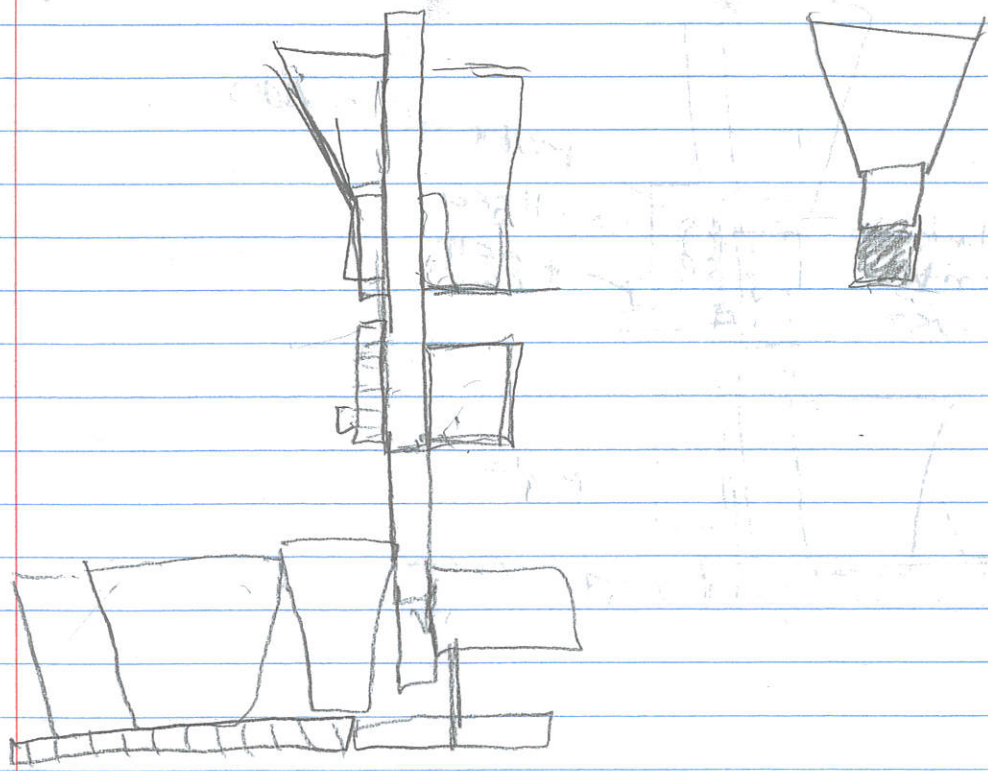
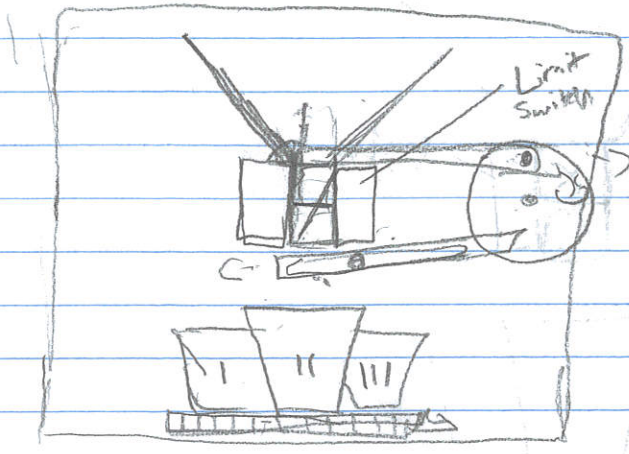
right goes down rail

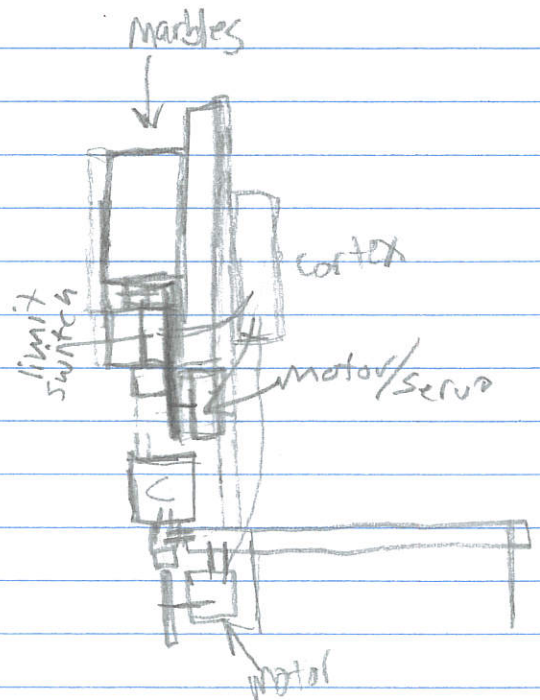
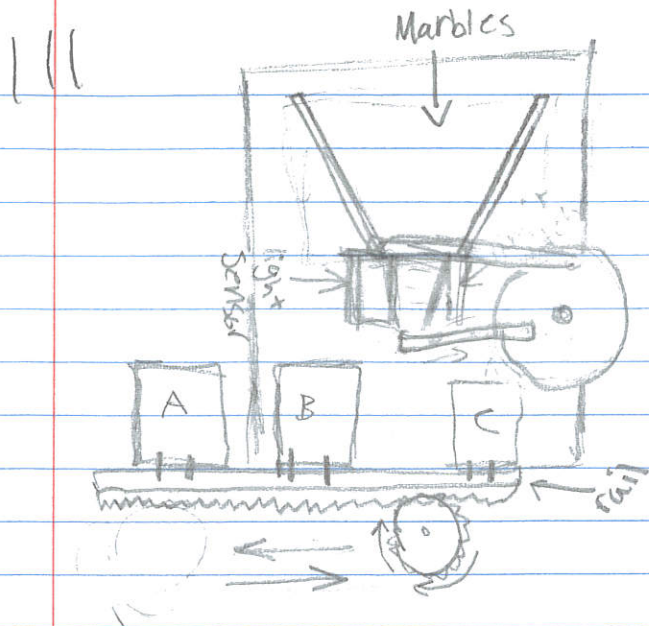
motor moves marble left and right

X closed
O open

11







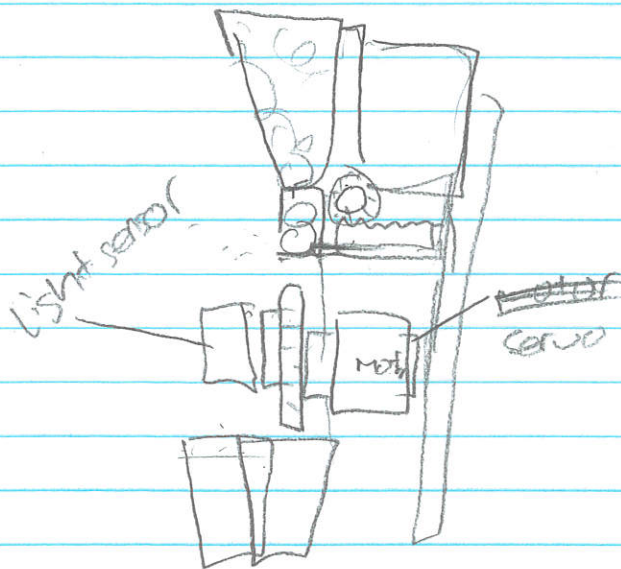
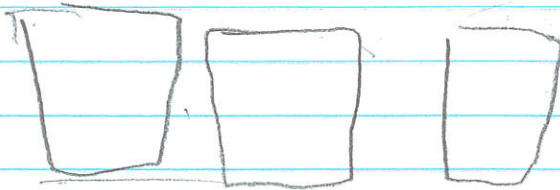
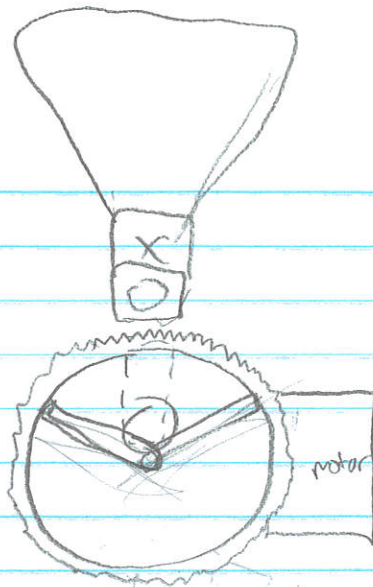
Decision Matrix

Marble sorter

	Efficiency	Accuracy	Speed	Ease of control	Codeability	
I	5	8	5	2	5	30
II	10	8	8	7	8	51
III	9	8	3	5	9	43
IV	8	7	9	6	8	46

(least) 1-10 (Greedy, not)

10



$$2m = e \quad 3m = c$$
$$1600$$

$$3m + 2m + m = 1600$$

$$\frac{6m = 1600}{6 \quad 6}$$

