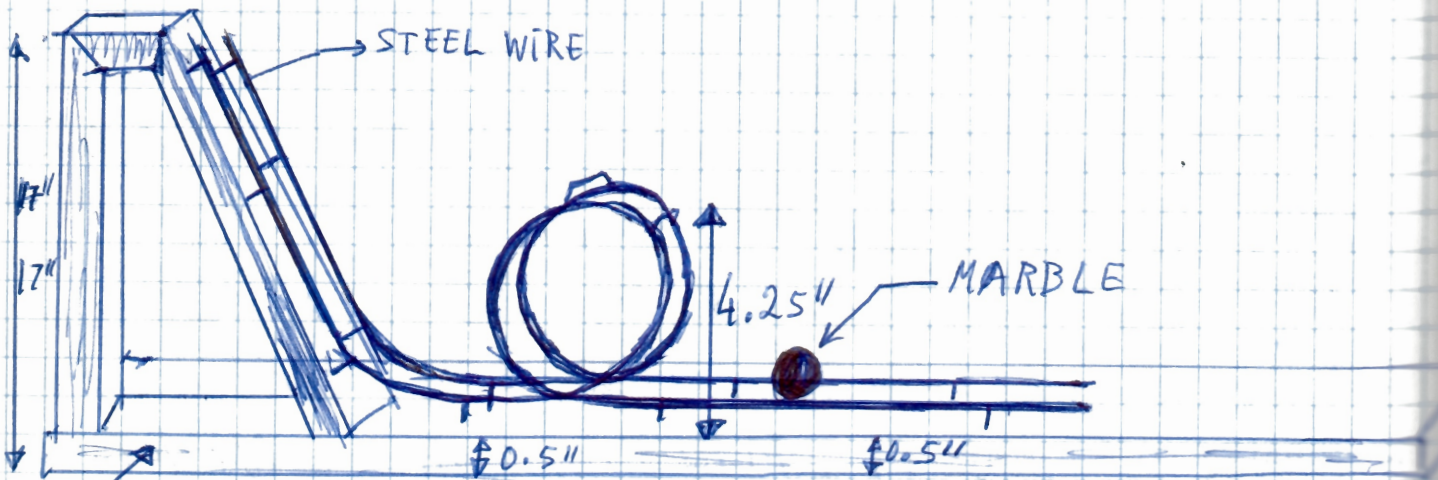


TODAY IS SUNDAY, 02/29/04
I'M WORKING ON : BUILDING THE ROLLER
COASTER .

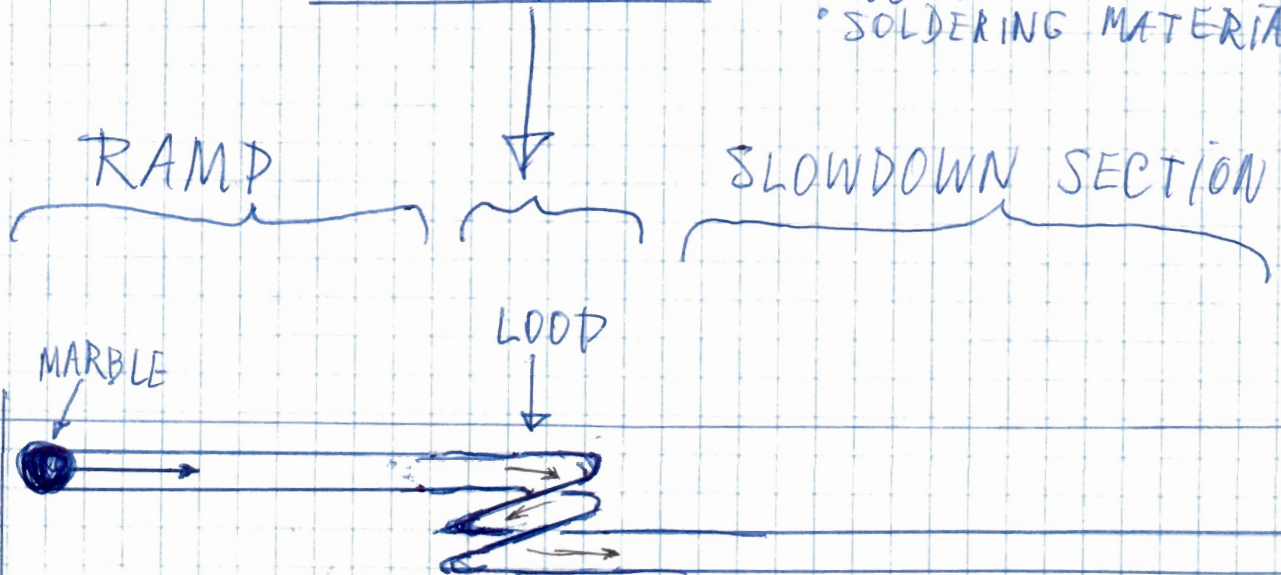
AFTER SPENDING MORE THAN 10 HOURS
@ BUILDING THE ROLLER COASTER,
THIS IS HOW IT LOOKED LIKE ;



MATERIALS USED :

- STEEL WIRE
- WOOD
- SOLDERING MATERIAL.

TOP VIEW



~~QUADRATIC, EXPONENTIAL, LINEAR, CUBIC~~

QUADRATIC - $y' = ax^2 + bx + c$ $y' = Ax^2 + Bx + C$

EXPONENTIAL - $y' = Ae^{-Bx}$

LINEAR - $y' = bx + c$

CUBIC - $y' = dx^3 + ax^2 + bx + c$

85/100

3/5/07

MAR 4 2007

1) THE BEST WAY TO REACH AN EXPONENTIAL MODEL IS TO CREATE A SECOND SERIES OF DATA. WITH THE GOOD SET OF DATA SHOULD BE A SHORTER VERSION WITH SPECIFIC POINTS TO PRODUCE AN ACCURATE CURVE FOR PREDICTION.

2) THE COMMON & DISTINCTIVE STEPS BETWEEN EXPONENTIAL & POLYNOMIAL MODELS ARE THAT THEY BOTH HAVE 2 SETS OF DATA & 3 GUESSES.

MAR 6 2007

1) THE APPLICATION OF DATA MODELING WAS USED IN OUR RESEARCH TO PREDICT THE VALUE OF A SINGLE UNIT OF STOCK FOR CRYTEX STOCK. OUR BEST MODEL PROVED TO BE THE CUBIC MODEL IN BOTH ASSIGNMENTS.

2) OUR FIRST STEP WOULD BE TO DETERMINE WHY/WHAT WE WERE LOOKING FOR. IF WE WERE TRYING TO PREDICT A STOCK PRICE WE WOULD START WITH CUBIC OR QUADRATIC NOT A LINEAR. A LINEAR MODEL WOULD BE BEST FOR MOVIE PREDICTIONS BECAUSE IT IS USUALLY ASCENDING OR DESCENDING MODEL.

MAR 8 2007

1) THE MOST DIFFICULT PART OF THE PROJECT WAS WORKING WITH EXCEL & FIGURING OUT THE FORMULAS. THIS IS BECAUSE MYSELF & MY TEAM MEMBERS HAVE NO EXCEL OR ADVANCED MATH EXPERIENCE. ALSO WE DID NOT FEEL AS THOUGH THE PROJECT WAS FULLY EXPLAINED CLEARLY. THE WAY WE GOT BY THIS WAS DUE TO SPENDING SEVERAL HOURS WITH FERNANDO TO COMPLETE THE PROJECT.