PROJECT 3 PRELIMINARY PROPOSAL

Here we go again! The goal of this activity is to generate a coherent, feasible idea for your third ModSim project. We suggest you take an approach similar to the activities we've done previously: generate ideas individually at first (perhaps on sticky notes), then, as a team, select or refine these ideas to develop a single proposal by filling in the boxes (once again, please write legibly). This is a preliminary proposal; you will create a final proposal after the break, which can be an iteration on this one if you choose to continue pursuing this project idea.

Question

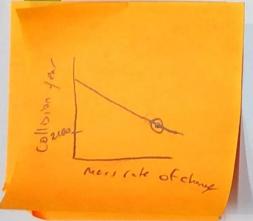
What is the motivating question? Why would the answer matter, and who would care?

How much of partly moor can We add to the man before causing it to cresh into the earth by the year 2105? * continuers adding over

Solving For Ace of change of mass

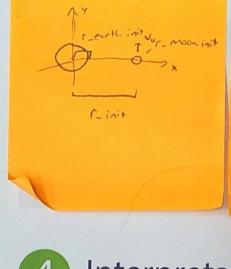
What output do you expect the model to produce? Draw at least one graph — be sure to label the axes.

Salvin V rockets



Results

Modeling and Simulation, Fall 2018



Model

How will your model help you answer the question? What are the key elements of the model le.g., State and System objects)? Draw a schematic diagram (dimensions forces and aves)

State: Using Newton's 2nd law general form M- MOON 1- Moon 1- earth F+U dy = mdy X_moon Vy_Moon xamoon VI-MOON dt = M. Was (Fear + U dm) M-earth 5 x Stem:

Interpretation

- Look at geaph - pick mers rate of charge that makes noon endy @ yr 2100 How do you ex to answer the

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