Activity	Year 1	Year 2
SYSTEMATIC VALIDATION:		
All Four Models (Pure Def., DDT, GCD, Puls. DDT):		
Using ($E_{\mathrm{Nuc}}, M_{\mathrm{Ni}}$):		
Number of Ignition Points + Locations	██████	
Num. Ign. Pts. + Loc. + V_{flame}	████████	
Num. Ign. Pts. + Loc. + V_{flame} + Convection		███
Num. Ign. Pts. + Loc. + V_{flame} + Conv. + DDT		████
Using Light Curves:		
Number of Ignition Points + Locations		███
Num. Ign. Pts. + Loc. + V_{flame}		███
SEARCH FOR OBSERVATIONAL CORRELATIONS	██████████████████	
VERIFICATION:		
Turbulent Nuclear Burning	██████	
Ignition Process	████████	
Dust Extinction/Scattering Effects	████████████████████	
Large-Scale Structure Effects	████████████████████	
Progenitor Population Drift	██████████████████	