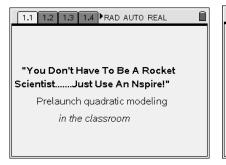
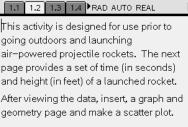
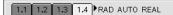
## **Rocket Simulation Student tns. Screens**

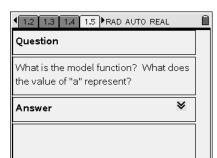




	1.1 1.2	1.3 1.4 RAD AUTO REAL				
	A time	B height	С	D	Е	F
•						
1	0	6				
2	.1	15.4				
3	.2	24.6				
4	.3	33.4				
5	.4	41.8				
A1 0						



Trace and determine the vertex of the parabolic shaped scatter plot. Copy page 1.4 and insert a new page and paste the scatter plot. Use the vertex form,  $f(x)=a((x-h)^2+k)$ , where h is x-coord and k is y-coord of the vertex. Select an appropriate value for a to begin, you will change this value until it fits the data.



Verify how well the vertex model fits the data; go to page 1.3, column C formula entry line. Enter the appropriate model preceded by an "=" sign. Remember in this problem, x—coord values are in the

