

Storyline Graphing

Name: _____

Date: _____

Period: _____

You will take the following storyline and turn it into a set of 3 graphs:

The entire physics class decides to go river rafting. We start out at a very wide, calm part of the river, and cruise slowly for a while. As the river narrows we start moving faster and faster. We come to some rapids and are going very fast, when we get stuck on a rock. It takes a minute or two to get unstuck, but are then on our way again. After coming out the other end of the rapid we paddle into an eddy current which actually takes us a little ways back upstream. We are able to paddle out and continue on our way.

The form consists of three vertically stacked blank coordinate planes. Each plane is defined by a vertical y-axis on the left and a horizontal x-axis at the bottom. The axes are represented by thin black lines. The three planes are separated by horizontal lines, and there is a vertical line at the far left that runs through all three planes, serving as a common y-axis for all three graphs.

(now create your own story and graphs)

