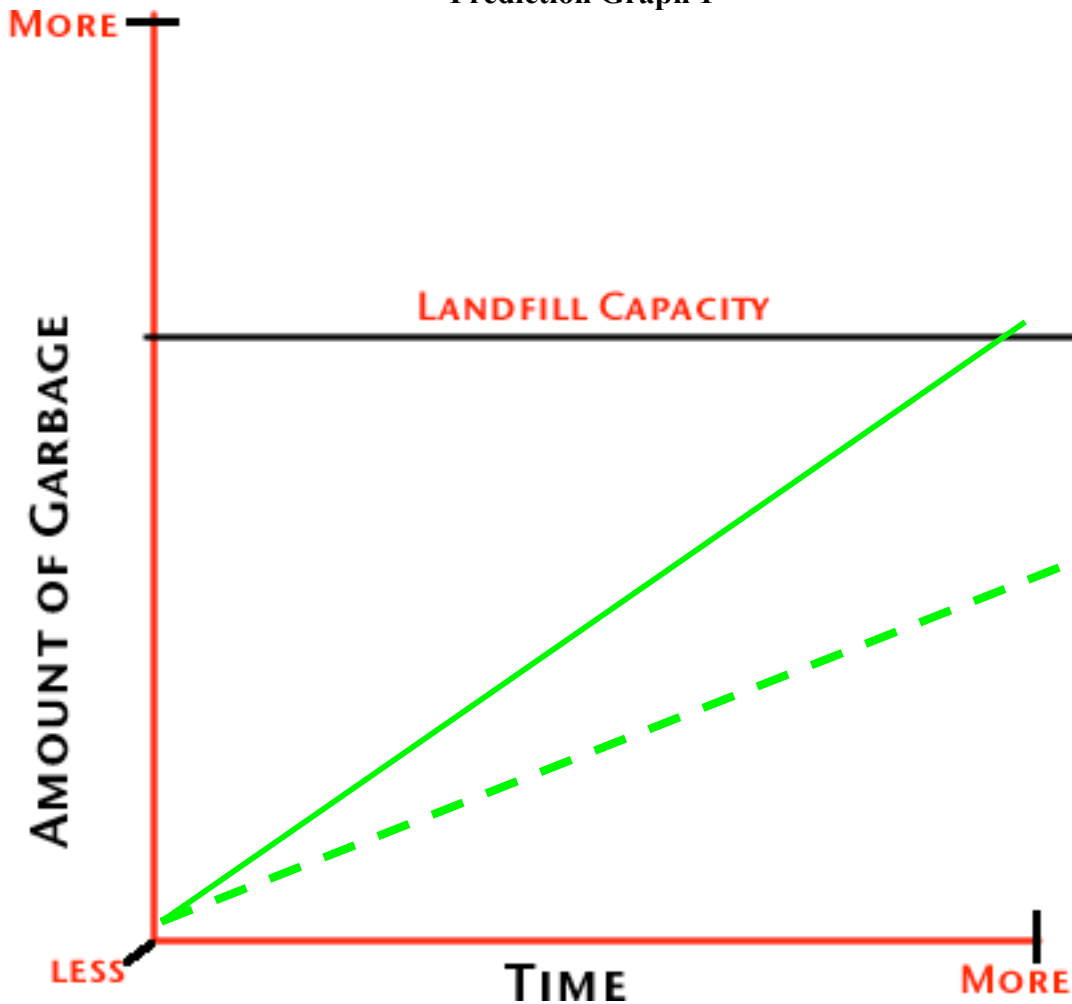


## Impact of Waste Going to Landfill With and Without Recycling Prediction Graph 1



The waste stream at your school most likely flows to a local landfill. When a landfill is first created it has a capacity that can hold only so much garbage. Assume that a new landfill is created in your area. When it is first opened it will be empty. Use the graph above to predict what will happen to the amount of garbage in the landfill over time. Draw two lines on your graph as follows:

1. Draw a solid line showing how the amount of garbage increases over time if there is no recycling in your community.
2. Draw a dashed line showing how the amount of garbage increases over time if there is recycling in your community.

How will your school's recycling effort impact the local landfill?

**Our school's efforts should help to reduce the amount of garbage going to the dump and increase the amount of time it takes to fill the landfill. This will make the landfill last longer so we don't have to dig a new one.**