

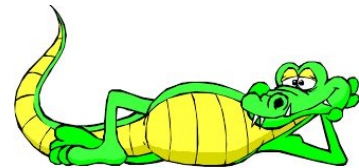


HOLY CROSS HIGH SCHOOL

Graphing for grade 8 Natural Sciences
A simple line graph

A conservationist decides to keep track of a crocodile population in a local bend of the river. Generally the crocodiles don't stray too far from this particular stretch nor do other crocodiles come into this area. The young lady conservationist decides to count the individuals once a year. So starting in 2010 she counts the crocodiles each year. The following table is prepared by the researcher.

Time (years)	Population (individuals) of Crocodiles
2010	12
2011	20
2012	26
2013	30
2014	34



Use the information above to answer the questions that follow.

- 1) Identify the dependent and independent variables in this experiment.
- 2) On a line graph, on which axes are the dependent and independent variables indicated ?
- 3) On a piece of paper draw a line graph based on the information above.

Once you have answered all three questions [click here](#) to see the answer:

<https://youtu.be/wxTgpZ6rzPo>