

Working with Data: Probability and Statistics

Expected Performance 4.1a(1)

Frog Population – OE

A biologist conducted a study of the population of frogs in a large pond near Norwich. The population has been decreasing as shown in the table below.

Frog Population

Year	Population
2000	2141
2001	2010
2002	1891
2003	1778
2004	?

On the grid provided in your answer booklet, make a scatter-plot that shows the information from the table. Be sure to title your graph, choose an appropriate scale and label your axes.

Based on the pattern in the table or on your graph, what will be the approximate frog population in 2004? Show your work or explain how you found your answer.

