

LINE GRAPH ASSIGNMENT

Due date:

Task 1

Choose one of the following topics and collect your own data, then present your data in a table.

- time spent doing homework and time spent watching TV (survey 6-8 classmates)
- distance from school and time it takes to travel to school (survey 6-8 classmates)
- age of children under 13 and their height (measure 6-8 children of different ages)
- age of children under 13 and hours slept last night (interview 6-8 children of different ages)
- population of Australia every ten years between 1970 and the present

Task 2

Create a line graph from your table and display it on a poster.

Notes:

- You may choose to draw your graph by hand or to use Excel.
- Make your graph large enough so that the students in your class can see it clearly from the board at the front of your classroom.

Task 3

Write a set of 8 questions based on your graph. Provide a copy of your questions and the answers to your teacher.

Task 4

Part A

Show your poster to the class and explain what it is about.

Part B

Read each of your questions to the class one by one. Call on classmates to answer the questions.

Note:

- You are expected to read your questions so that your classmates can understand, repeating as needed.
- Task 4 should take less than 5 minutes.

Marking Matrix

Your assignment will be marked out of 20.

Task	Basic 1	Developing 2	Satisfactory 3	Excellent 4
1	Does not provide enough information. Errors in table. Poor presentation	Provides enough information. Errors in table. Satisfactory presentation	Provides enough information. Table is correct. Satisfactory presentation	Provides enough information. Table is correct. Excellent presentation
2	Graph has errors in title and axis labels. Errors in numbering of axes. Few points are correctly located. Graph is difficult to see and understand.	Graph has some errors in title or axis labels. Some errors in numbering of axes. Some points are correctly located. Graph is difficult to see or understand.	Graph has appropriate title and axis labels. Axes are numbered correctly. Most points are correctly located. Graph is easy to see and understand.	Graph has appropriate title and axis labels. Axes are numbered correctly. All points are correctly located. Graph is very easy to see and understand.
3	Many errors in spelling or grammar. Few questions are appropriate.	A few errors in spelling or grammar. Some questions are appropriate.	Only one or two errors in spelling or grammar. Most questions are appropriate.	Spelling and grammar are perfect. All questions are appropriate.
4A	Poor explanation	Satisfactory explanation with a few errors	Satisfactory explanation	Very clear explanation
4B	Difficulty being understood and poor interaction with classmates	Some difficulties being understood and some problems in interaction with classmates	Easily understood and good interaction with classmates	Very easily understood and excellent interaction with classmates

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Total Marks					

FEEDBACK MATRIX (Teacher use)

