Mathematics Stage 4
(Year 8) – student logbook

How healthy are young people?

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# Student logbook

## Research

1. State the sub-topic that you were assigned to research.

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1. Identify the sources of your data and the type of data they contain.

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1. Explain how the sources of your data sets could impact your data analysis.

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## Data visualisation and analysis

1. Display your data sets graphically.

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1. Why did you choose to represent the data using these data displays?

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1. What information can you conclude from the data displays? How do they help you to address the driving question?

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1. Conduct your statistical analysis using the best measures to represent your data. These could include distributions and measures of centre and spread.

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1. Which measures did you choose to use to represent the data? Why?

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1. How do the measures of centre and spread help us to address the driving question?

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1. What conclusions can you draw from your data, data displays and analysis?

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## Bringing it all together

Return to your group and discuss your findings, then answer the following questions (only one person in each group needs to submit this section).

1. Group member’s names and topics:

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1. What position did you take on the driving question How healthy are young people? Support with evidence from your group’s analysis.

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1. Does each team member’s individual data complement or contradict that of the other group members? How or why do you think this?

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1. How reliable is your group presentation to help inform future decisions?

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1. How have you used data collection, data analysis and data displays to persuade your audience of your position in relation to the driving question?

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1. What could your group modify in your data collection, data analysis or data displays to strengthen your response to the driving question?

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