

Week 1  
Term 1  
2020



# HAWKER COLLEGE

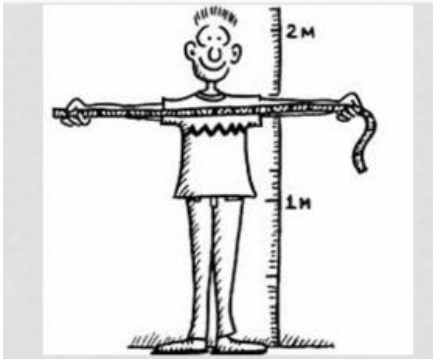
Engage | Inspire | Achieve

Learning Brief

MA3

## Goals

### ARMSPAN V'S HEIGHT



This week:

- review the statistical investigation process; for example, identifying a problem and posing a statistical question, collecting or obtaining data, analysing the data, interpreting and communicating the results.
- construct two-way frequency tables and determine the associated row and column sums and percentages
- use an appropriately percentaged two-way frequency table to identify patterns that suggest the presence of an association
- describe an association in terms of differences observed in percentages across categories in a systematic and concise manner, and interpret this in the context of the data

## Theoretical Components

### Resources:

For this week the theory work is in the *PDF file*:  
Week 1 Notes & Exercises

There are links to Mathspace lessons embedded in the Week 1 booklet.

The clip introduces bivariate data

<https://www.youtube.com/watch?v=dryFiDCZmd4>

Dependent vs Independent variables

<https://www.youtube.com/watch?v=aeH1FzqdQZ0>

### Knowledge Checklist

- Meaning of bivariate
- Independent vs dependent data
- Census
- Two-way frequency table

## Practical Components

There are questions to be answered in the booklet *Week 1 Notes & Exercises*

## Investigation

On HawkerMaths and attached to this week's work

On-line Quiz

Mathspace Task