

## Using the progress ladder to support your learning in Statistics

The progress ladder is an Excel file which you can use to support your studies in Statistics. This document is intended to explain how to use your progress ladder. The progress ladder can be downloaded from the Statistics department website, or from the Open Drive. Students should save a copy of the progress ladder on their home computer and update it during their study of a topic. At the end of the topic they should keep a record of their assessment result.

### Overview Page

The topics for the whole year are listed here – click on any of them to take you to the page for that topic which contains more detailed information about what material is covered.

Enter your assessment scores for each chapter.

Year 10					Year 11				
Term	Topic	My Rating	Test	%	Term	Topic	My Rating	Test	%
1	Types of Data		Section 1: Data Collection		1	Probability 1		Section 5: Probability	
1	Sampling				1	Probability 2			
1	Data Collection				1	Probability 3			
1	Project 1				1	Normal Distribution			
2	Representing Qualitative Data		Section 2: Data Representation		1	Quality Assurance Charts			
3	Representing Quantitative Data				1	Binomial Distribution			
3	Project 2				2	Revision			
4	Averages and Spread		Section 3: Averages and Skew		3	Revision			
5	Skew				4	Revision			
5	Scatter Diagrams		Section 4: Correlation and Other Measures		5	Revision			
6	Time Series				6	Revision			
6	Index Numbers								

Click here to see the areas you have identified as needing improvement

Clicking on this box will take you to the targets for improvement section – use this page for revision and consolidation topics.

### TMSN Confidence Rating

On each topic page you can enter one of T, M, S, or N. These stand for:

- T – I **totally** understand this aspect of the topic and feel confident I would get any question related to it correct, provided I didn't make a mistake.
- M – I **mostly** understand this aspect of the topic and feel confident I would get a question similar to those I have practiced correct.
- S – I understand **some** aspects of the topic, I could start a question, but don't feel confident I would get it correct.
- N – I understand **none** of this aspect of the topic and would not be able to answer a question.

Your overall TMSN confidence rating will appear on the overview page.

## Topic Pages

The content covered in each topic is listed here.

You can choose your level of confidence for each statement either by typing in T, M, S, or N or selecting from the drop-down menu.

Clicking this logo will take you straight to the Open Drive.

S1.1 TYPES OF DATA		Open Drive
Statements	*TMSN*	
I know the stages of the data handling cycle	T	
I can find upper and lower bounds to values, and use them in calculations	N	
I know the definitions of the following terms: qualitative; quantitative; discrete; continuous; bivariate; multivariate; ordinal	S	
I know the difference between reliability and validity	M	
My Rating		S
Use the drop-down list to select one of T, M, S or N to indicate how well the statement applies to you		<p>Click here to go back to the overview page</p>

This button will take you back to the overview page so you don't have to find the correct tab.

This will calculate an "average" rating for this topic based on your choice of TMSN confidence levels. The letter here will automatically appear on the overview page.

## Areas for Improvement Page

The areas for improvement page will automatically generate up to 10 statements for you to work on based on your TMSN confidence selections on the topic pages. Statements will appear in reverse order of confidence (ie. N statements first then S etc.) and statements with the same confidence level will appear in the order they were taught. As you improve your understanding you can go back to the topic pages and change your TMSN confidence level and the list will update itself.

Areas for Improvement	
1	Types of Data: I can find upper and lower bounds to values, and use them in calculations
2	Types of Data: I know the definitions of the following terms: qualitative; quantitative; discrete; continuous; bivariate; multivariate; ordinal
3	Types of Data: I know the difference between reliability and validity
4	
5	
6	
7	
8	
9	
10	

Click on a statement and it will take you back to the topic page.

Click here to go back to the overview page

