

HIGHER MODULE 1 PROGRESS SHEET

CHAPTER 1: STATISTICAL MEASURES

| GRADE | I AM ABLE TO | R | A | G |
|----------|---|---|---|---|
| D | <ul style="list-style-type: none">• Calculate the mean for a frequency distribution• Find the modal class for grouped data | | | |
| C | <ul style="list-style-type: none">• Find the mean for grouped data• Find the median class for grouped data | | | |

CHAPTER 2 : REPRESENTING DATA

| GRADE | I AM ABLE TO | R | A | G |
|----------|--|---|---|---|
| D | <ul style="list-style-type: none">• Construct a stem-and-leaf diagram (ordered)• Construct a frequency diagram• Interpret a time series graph | | | |
| B | <ul style="list-style-type: none">• Construct and interpret a cumulative frequency diagram• Use a cumulative frequency diagram to estimate the median and interquartile range• Construct and interpret a box plot• Construct a time series and plot the moving averages• Use the trend line to estimate other values | | | |
| A | <ul style="list-style-type: none">• Construct and interpret a histogram with unequal class intervals | | | |

CHAPTER 3 : SCATTER GRAPHS

| GRADE | I AM ABLE TO | R | A | G |
|----------|---|---|---|---|
| D | <ul style="list-style-type: none">• Draw a scatter graph by plotting points on a graph• Interpret the scatter graph• Draw a line of best fit on the scatter graph | | | |
| C | <ul style="list-style-type: none">• Interpret the line of best fit• Identify the type and strength of the correlation | | | |

CHAPTER 4 : COLLECTING DATA

| GRADE | I AM ABLE TO | R | A | G |
|----------|---|---|---|---|
| D | <ul style="list-style-type: none">• Classify and know the difference between various types of data• Use a variety of different sampling methods• Design and use data collection sheets and questionnaires | | | |
| C | <ul style="list-style-type: none">• Identify possible sources of bias in the design and use of data collection sheets and questionnaires | | | |
| A | <ul style="list-style-type: none">• Use stratified sampling methods | | | |

CHAPTER 5 : PROBABILITY

| GRADE | I AM ABLE TO | R | A | G |
|-----------|---|---|---|---|
| D | <ul style="list-style-type: none">• Use a two-way table to find a probability• Understand mutually exclusive outcomes• Use the fact that the probabilities of mutually exclusive outcomes add up to 1 | | | |
| C | <ul style="list-style-type: none">• Use probability to estimate outcomes for a population | | | |
| B | <ul style="list-style-type: none">• Use relative frequency to find probabilities• Complete a tree diagram | | | |
| A | <ul style="list-style-type: none">• Understand dependent and independent outcomes• Use tree diagrams to find probabilities of successive independent events | | | |
| A* | <ul style="list-style-type: none">• Draw tree diagrams and use them to find probabilities of successive dependent events | | | |