

I. Learning Targets, Learning Objectives and Notes on Teaching

A Learning Targets

Key Stage 3 (S1 - S3)		Key Stage 4 (S4 - S5)
<p>To develop students an ever-improving capability to</p> <ul style="list-style-type: none">• understand the criteria for organizing discrete and continuous statistical data;• choose and construct appropriate statistical diagrams and graphs to represent given data and interpret them;• find, interpret and select the measure to describe the central tendency of a set of data;• judge the appropriateness of the methods used in handling statistical data;• understand the notion of probability and handle simple probability problems by listing and drawing diagrams; and• inquire and solve statistical and probability problems with appropriate strategies.		<p>To develop students an ever-improving capability to</p> <ul style="list-style-type: none">• understand and compute the measures of dispersion;• select and use the measures of central tendency and dispersion to compare data sets;• investigate and judge the validity of arguments derived from the data set;• formulate and solve further probability problems by applying simple laws; and• integrate the knowledge in statistics and probability to solve real life problems.