

## Paper 2 Curriculum Map

TOPIC: Research Methods

Calendar	Big Question/Theme	Small Questions	Assessment Opportunities and Criteria. Teacher Feedback point (TFP)	Homework
<b>TERM 1</b>	To develop knowledge and understanding of <b>research methods</b> , their use and be aware of their strengths and limitations.	<ul style="list-style-type: none"> <li>• Experimental method. Types of experiment, laboratory and field experiments; natural and quasi-experiments.</li> <li>• Observational techniques. Types of observation: naturalistic and controlled observation; covert and overt observation; participant and non-participant observation.</li> <li>• Self-report techniques. Questionnaires; interviews, structured and unstructured.</li> <li>• Correlations. Analysis of the relationship between co-variables. The difference between correlations and experiments.</li> </ul>	<p>Short examination style questions (MCQ, structured questions, STEM questions).</p> <p><b>Exam practice: WCOS Summative assessment.</b></p>	<p>Analysis, synthesis and consolidation with firefly pages.</p> <p>Short examination questions.</p> <p>Data collection and analysis.</p>
	To develop knowledge and understanding of <b>scientific processes</b> their use and be aware of their strengths and limitations.	<ul style="list-style-type: none"> <li>• Aims: stating aims, the difference between aims and hypotheses.</li> <li>• Hypotheses: directional and non-directional</li> <li>• Sampling: the difference between population and sample; sampling techniques including: random, systematic, stratified, opportunity and volunteer; implications of sampling techniques, including bias and generalisation.</li> </ul>	<p>Short examination style questions (MCQ, structured questions, STEM questions).</p> <p><b>Exam practice: WCOS Summative assessment.</b></p>	<p>Analysis, synthesis and consolidation with firefly pages.</p> <p>Short examination questions.</p> <p>Data collection and analysis.</p>

		<ul style="list-style-type: none"> <li>• Pilot studies and the aims of piloting.</li> <li>• Experimental designs: repeated measures, independent groups, matched pairs.</li> <li>• Observational design: behavioural categories; event sampling; time sampling.</li> <li>• Questionnaire construction, including use of open and closed questions; design of interviews.</li> <li>• Variables: manipulation and control of variables, including independent, dependent, extraneous, confounding; operationalisation of variables.</li> <li>• Control: random allocation and counterbalancing, randomisation and standardisation.</li> <li>• Demand characteristics and investigator effects.</li> <li>• Ethics, including the role of the British Psychological Society's code of ethics; ethical issues in the design and conduct of psychological studies; dealing with ethical issues in research.</li> <li>• The role of peer review in the scientific process.</li> <li>• The implications of psychological research for the economy.</li> </ul>		
<b>TERM 2</b>	To develop knowledge and understanding of <b>data handling and analysis</b> its	<ul style="list-style-type: none"> <li>• Quantitative and qualitative data; the distinction between qualitative and quantitative data collection techniques.</li> <li>• Primary and secondary data, including meta-analysis.</li> </ul>	<b>Short examination style questions (MCQ, structured questions, STEM questions).</b>	Analysis, synthesis and consolidation with firefly pages.  Short examination questions.

	<p>use and be aware of their strengths and limitations.</p>	<ul style="list-style-type: none"><li>• Descriptive statistics: measures of central tendency - mean, median, mode; calculation of mean, median and mode; measures of dispersion; range and standard deviation; calculation of range; calculation of percentages; positive, negative and zero correlations.</li><li>• Presentation and display of quantitative data: graphs, tables, scattergrams, bar charts.</li><li>• Distributions: normal and skewed distributions; characteristics of normal and skewed distributions.</li><li>• Introduction to statistical testing; the sign test.</li></ul>	<p><b>Exam practice:</b> <b>WCOS Summative assessment.</b></p>	<p>Data collection and analysis.</p>
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