



<p>This half term: Skills, Knowledge and Understanding to be developed:</p> <p>Skills (students <u>WILL BE ABLE</u> to by the end of the Learning Programme): Estimate and calculate descriptive statistics from research data, construct graphical representations of research data, demonstrate an appreciation of the limitations of scientific research when dealing with humans as test materials, analyse research data to reach judgements and conclusions, evaluate all aspects of the research process – deciding on research questions, methodologies, location of research and participants, research findings and conclusions, evaluate research in terms of reliability, validity and ethical issues.</p> <p>Knowledge (students <u>WILL KNOW</u> by the end of the Learning Programme): The psychological research process from the initial planning stages through to the final stages of analysis and evaluation. The factors (key terms/ words) determining research questions, methodologies to be used, location of research and participants of the research. How to present data and analyse data.</p> <p>Understanding (students <u>WILL DEMONSTRATE</u> their understanding): Understand the applications of the research process, identify issues relating to research questions, methodologies, locations of research and with participants, distinguish between methodologies, location of research and factors affecting choice of research participants, demonstrate understanding of research process and research data by application and interpretation to novel research scenarios.</p> <p>** Knowledge, understanding and skills gained from unit 2 are vital to and underpin the A2 exam Unit 4</p>	<p>Key Terms / Words:</p> <p>Deciding on a research question - aims of research, hypotheses – experimental/alternative, null, directional and non-directional (one tailed and two tailed), variables – independent, dependent, extraneous, confounding. Methodologies – experiments, quasi-experiments (including natural) participant and non-participant observations, content analysis, questionnaires, structured and semi-structured interviews, correlational studies, case studies, self-reports, qualitative and quantitative, primary and secondary sources.</p> <p>Experimental design – independent groups, repeated measures, matched pairs Location of research, Participants & Sampling Levels of measurement, Graphical representations, Descriptive statistics – Measures of central tendency, Reliability, Validity, Ethics</p> <p>** Knowledge, understanding and skills gained from unit 2 are vital to and underpin the A2 exam Unit 4</p>
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<p>LP 5 – Weeks 1 – 4 Learning Outcomes:</p> <p>Revise - Behaviourist contemporary debate</p> <p>Describe the factors to consider when deciding on a research question – aims, hypotheses, variables, Experiments & experimental design, sampling & validity, graphical representations of data.</p> <p>Independent Study WJEC online resource</p> <ul style="list-style-type: none"> • Research Methods - Experiments • Formulating Hypothesis • Experimental design • Graphical representations and constructing them • Validity 	 <div style="border: 2px solid red; padding: 2px; width: 60px; margin: 5px auto;">Grade:</div>  <div style="border: 2px solid red; padding: 2px; width: 60px; margin: 5px auto;">Grade:</div>	<p style="text-align: center;">Success Criteria:</p> <p>CDG 4 Assessment (week 1) Behaviourist contemporary debate essay</p> <ol style="list-style-type: none"> 1. Demonstrate effective answers to exam style description questions 2. Be able to create and identify aims, hypotheses, variables etc. in novel research scenarios <p>CDG 5 Assessment (Week 3/4) Research Methods Unit 2 - /19</p>	<p>Homework LP5</p> <p>Revision for CDG Assessments</p>
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<p>LP 5 – Week 5-7 ** Knowledge, understanding and skills gained from unit 2 are vital to and underpin the A2 exam Unit 4</p> <p>Learning Outcomes: Research Methods – (Will also be ongoing into LP6) Describe, explain and distinguish between the different research methodologies, Students will be able to describe and evaluate locations of research – laboratory, field, on-line and factors affecting selection of participants – target populations Describe, interpret, calculate and evaluate descriptive statistics – measures of dispersion, measures of central tendency. Describe interpret, construct and evaluate graphical representations – graphs, bar charts, histograms, pie charts. Describe and evaluate issues of reliability & validity Consider and apply ways of dealing with issues of reliability and validity to novel research scenarios</p> <p>Independent Study WJEC online resource</p> <ul style="list-style-type: none"> • Research Methods –All others • Graphical representations • Interpreting and constructing tables • Measures of dispersion • Measures of central tendency • Reliability • Validity • Ethical Issues 		<p>Success Criteria: ** Knowledge, understanding and skills gained from unit 2 are vital to and underpin the A2 exam Unit 4</p> <p>Demonstrate effective answers to exam style description and application questions on methodologies Make judgements about the research methods in terms of advantages and disadvantages. Describe and distinguish between the various locations for research and the sampling methods for selecting participants. Evaluate the various locations for research and the sampling methods for selecting participants. Identify graphical representations and descriptive statistics Distinguish between different graphical representations and descriptive statistics Demonstrate effective answers to description and evaluation questions on graphical representations and descriptive statistics. Distinguish between reliability & validity Demonstrate effective answers to description and evaluation questions on issues of reliability & validity. Apply knowledge and understanding of reliability and validity to novel research scenarios.</p>	<p>Homework LP5</p> <p>Homework & Independent Study WJEC online resource</p>
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