

Paper 1: Cognition and Behaviour PLC

	Covered in class?	😊	😐	☹️	Revision undertaken
Memory					
Can I explain how memories are encoded and stored?					
Can I explain the processes of encoding, storage and retrieval?					
Can I explain the differences between the three types of memory: episodic, semantic and procedural?					
Can I describe the multi-store model of memory (referring to sensory, short-term and long-term stores)?					
Can I evaluate the multi-store model of memory?					
Can I explain the features of each store (coding, capacity and duration)?					
Can I remember what is meant by primacy effects and recency effects (in relation to memory recall)?					
Can I explain the effects of serial position?					
Can I describe the key research study: Murdock's serial position curve study?					
Can I evaluate the key research study: Murdock's serial position curve study?					
Can I describe the theory of reconstructive memory, including the concept of 'effort after meaning'?					
Can I evaluate the theory of reconstructive memory?					
Can I describe the key research study: Bartlett's War of the Ghosts?					
Can I evaluate the key research study: Bartlett's War of the Ghosts?					
Can I explain the different factors affecting accuracy of memory including interference, context and false memories?					
Perception					
Can I explain the difference between sensation and perception?					
Can I explain the difference between monocular and binocular depth cues?					
Can I describe how four monocular depth cues work: height in plane, relative size, occlusion and linear perspective?					
Can I describe how binocular depth cues work: retinal disparity and convergence?					
Can I describe Gibson's direct theory of perception?					
Can I evaluate Gibson's direct theory of perception?					
Can I explain the role of motion parallax in perception?					

Can I understand how the following can create visual illusions: ambiguity, misinterpreted depth cues, fiction and size constancy?					
Can I explain how the following visual illusions work: the Ponzo illusion, the Muller-Lyer illusion, Rubin's vase, the Ames Room, the Kanizsa triangle and the Necker cube?					
Can I describe Gregory's constructivist theory of perception?					
Can I evaluate Gregory's constructivist theory of perception?					
Can I explain how inferences are used to construct a model of reality?					
Can I explain what is meant by perceptual set?					
Can I explain how culture, motivation, emotion and expectation can influence perception?					
Can I describe the key research study: Gilchrist and Nesberg's need and perceptual change study?					
Can I evaluate the key research study: Gilchrist and Nesberg's need and perceptual change study?					
Can I describe the key research study: Bruner and Minturn's perceptual set study?					
Can I evaluate the key research study: Bruner and Minturn's perceptual set study?					
Development					
Can I explain how the brain develops from simple neural structures in the womb?					
Can I identify and describe the roles of the brain stem, thalamus, cerebellum and cortex?					
Can I explain how these parts of the brain control autonomic functions, sensory processing, movement and cognition?					
Can I explain the roles of nature and nurture in brain development?					
Can I explain Piaget's theory of cognitive development: four stages of development (sensori-motor, pre-operational, concrete operational and formal operational)?					
Can I evaluate Piaget's theory of cognitive development?					
Can I explain the concepts of schema, assimilation and accommodation?					
Can I apply Piaget's theory to education?					
Can I understand how children's egocentricity and conservation skills change as they get older?					
Can I describe the key research study: McGarrigle and Donaldson's 'Naughty Teddy' study?					
Can I evaluate the key research study: McGarrigle and Donaldson's 'Naughty Teddy' study?					
Can I describe the key research study: Hughes' 'Policeman Doll' study?					
Can I evaluate the key research study: Hughes'					

'Policeman Doll' study?					
Can I describe Dweck's mindset theory of learning?					
Can I evaluate Dweck's mindset theory of learning?					
Can I understand the difference between fixed and growth mindset?					
Can I explain the role of praise in learning?					
Can I explain the role of self-efficacy beliefs in learning.					
Can I describe learning styles, including verbalisers and visualisers.					
Can I outline Willingham's Learning Theory and his criticism of learning styles?					
Can I evaluate Willingham's Learning Theory?					
Research Methods					
Can I formulate testable hypotheses?					
Can I explain the difference between the null hypothesis and the alternative hypothesis?					
Can I explain the difference between the independent variable, the dependent variable, and extraneous variables?					
Can I understand how and when to use the following experimental designs: independent groups, repeated groups and matched pairs?					
Can I evaluate experimental designs: independent groups, repeated groups and matched pairs?					
Can I understand how and when to use laboratory experiments, field experiments and natural experiments?					
Can I evaluate the following research methods: laboratory experiments, field experiments and natural experiments?					
Can I understand how and when to use interviews?					
Can I evaluate the use of interviews?					
Can I understand how and when to use questionnaires?					
Can I evaluate the use of questionnaires?					
Can I understand how and when to use case studies?					
Can I evaluate the use of case studies?					
Can I understand how and when to use observations?					
Can I evaluate the use of observations?					
Can I explain what the sample and the target population are?					
Can I understand how and when to select samples using these methods: random, opportunity, systematic and stratified?					
Can I evaluate the different sampling methods?					
Can I understand how to plan research so it is					

reliable and valid?					
Can I understand the differences between positive correlation, negative correlation and no correlation?					
Can I understand how to use scatter diagrams to show correlation?					
Can I explain the strengths and weaknesses of using correlation?					
Can I explain how standardised procedures are used in research?					
Can I explain how standardised instructions are used in research?					
Can I explain how to use randomisation?					
Can I understand how to allocate participants to conditions, including counterbalancing?					
Can I explain how to control for extraneous variables?					
Can I understand the ethical issues outlined in the British Psychological Society guidelines?					
Can I explain informed consent, deception, protection from harm and privacy and confidentiality?					
Can I explain how to deal with these issues in psychological research including debriefing, right to withdraw, and confidentiality?					
Can I explain the difference between quantitative and qualitative data?					
Can I explain the difference between primary and secondary data?					
Can I recognise and use: decimals?					
Can I recognise and use: percentages?					
Can I recognise and use: ratios?					
Can I recognise and use: estimates?					
Can I recognise and use: fractions?					
Can I understand how to calculate the mean?					
Can I understand how to calculate the mode?					
Can I understand how to calculate the median?					
Can I understand how to calculate the range?					
Can I construct and interpret frequency tables?					
Can I construct and interpret histograms?					
Can I construct and interpret bar charts?					
Can I construct and interpret scatter diagrams?					
Can I explain the characteristics of normal distribution?					