

## Year 10 Psychology (Term 1)

### Content

Year 10 psychology students will learn:

- (a) biological structures involved in perception: including the role of
  - (i) the eye (retina, rods, cones, optic nerve, blind spot)
  - (ii) the brain (-optic chiasma, visual cortex)
- (b) cues to depth: superimposition, relative size, linear perspective, stereopsis, texture gradient, height in the plane; and size constancy
- (c) Gestalt laws: figure-ground, continuity, proximity, similarity, closure
- (d) visual illusions: fictions (colour after-effects and illusory contours), ambiguous figures (Necker cube and Leeper's lady), distortions (Muller-Lyer and Ponzo)
- (e) explanations of illusions (Gestalt theory and Gregory's work on perspective theory), including evaluation of each
- (f) the influence of schemas on how we interpret our world and evaluation of such influence drawing on Palmer (1975), Bartlett (1932) and Carmichael, Hogan and Walter (1932).
- (g) the following terms, and their use when referring to methodology:
  - (i) independent variable
  - (ii) dependent variable
  - (iii) experimental hypothesis
  - (iv) experimental (participant) design: repeated measures and
  - (v) independent groups
  - (vi) descriptive statistics (mean, median, mode, range)
  - (vii) bar chart
  - (viii) control of variables
  - (ix) informed consent
  - (x) right to withdraw
- (h) the ethical issues in laboratory experiments of informed consent and the right to withdraw, and how these may be dealt with
- (i) the laboratory experiment as a research method including evaluation of the aims, procedure, and findings (results and/or conclusions) and evaluation of
  - (i) Palmer (1975) The effects of contextual scenes on the identification of objects
  - (ii) Bartlett (1932) War of the Ghosts
  - (iii) Carmichael, Hogan and Walter (1932) An experimental study of the effect of language on the reproduction of visually perceived forms.
- (j) how eyewitness memory can be influenced by schemas drawing on two studies; and the importance of these influences for society and/ or the individual.

## **Resources**

*Edexcel GCSE Psychology* Student Book

Publisher: Pearson

Author: Christine Brain, Julia Russell, Karren Smith

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Developed to complement the brand-new specification, this Student Book for Edexcel GCSE Psychology features an ongoing, continuous focus on assessment.

## **Assessment Breakdown**

Topic B test: 50%

Projects: 20%

Homework and classwork: 20%

Participation: 10%