

# Psychology



## Learning objectives

- Gain an understanding of 'short-term' and 'long-term' memory
- Gain an understanding of the flashbulb memory phenomenon
- Consider the reliability of eyewitness testimony
- Be able to define the difference between sensation and perception
- Explore how illusions can be used by psychologists to understand visual perception
- Develop understanding of basic principles behind research methods and data collection in psychology

## Workshop content - students will:

- Participate in activities to discover more about their own memories
- Become eyewitnesses to a crime
- Use illusions to investigate perception
- Complete a Psychology-based trail through the At-Bristol exhibitions (approx. 1 hour)
- Create their own psychological experiment and collect information from At-Bristol visitors

## Curriculum/Syllabi links from 2011

### AQA Specification A

#### Unit 1 PSYA1

Cognitive Psychology – Memory

Models of memory

Memory in everyday life

Eyewitness testimony (EWT)

Strategies for memory improvement

Research Methods

Methods and techniques

Experimental method, including laboratory, field and natural experiments

Investigation design

Reliability and validity

#### Unit 3 PSYA3

Perception

Theories of perceptual organisation

Gregory's top down/indirect theory of perception

Development of perception

Visual constancies

### AQA Specification B

#### Unit 2 PSYB2

Cognitive Psychology

3.2.3 Remembering and forgetting

Models of memory

Multistore model

3.2.4 Perceptual Processes

Perceptual organisation. The Gestalt principles

Gibson's and Gregory's theories of visual perception

Types of perceptual constancy

Muller-Lyer illusion

Necker Cube and Rubin's vase

What illusions tell us about perception

#### Unit 3 PSYB3

Applied Psychology Options

3.3.4 Cognition and Law

Recalling events

Flashbulb memory: memory for shocking events

### OCR

#### AS Unit G542: Core Studies

Methods

Experimental (lab and field)

Methodological issues such as reliability and validity

### Edexcel

#### Unit 1 Social and Cognitive Psychology

1.4 Cognitive Psychology – memory and forgetting

2 Methodology/How Science Works

a. Identify, describe and apply the following terms: i natural, laboratory and field experiment

3 Content

Multi-store model of memory

5 Key Issue

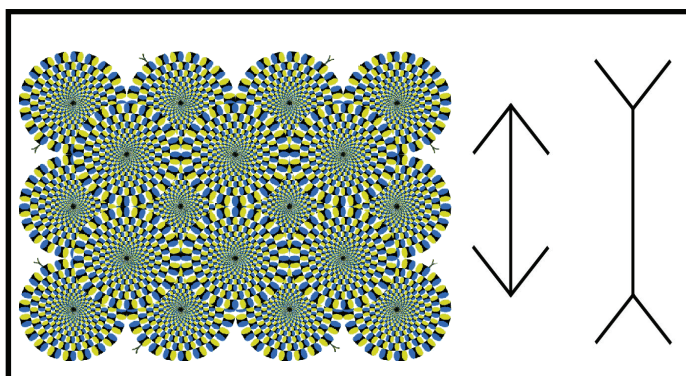
Flashbulb memory; reliability of eyewitness testimony

### CIE

Research methods

### WJEC

PY3 : Psychology: Research Methods and Issues in Research



Illusions such as Rotating Snakes and the Muller Lyer illusion are explored in this workshop