



About the Tutor

Guy Sutton's primary research interests are the genetics of neural development and the interactive nature of biological, behavioural and genetic factors in disease processes.

He is an Honorary Lecturer in neuroscience at University of Nottingham Medical School and has held academic appointments at Manchester, Manchester Metropolitan and Cambridge Universities. Guy has lectured in genetics and neuroscience to a range of undergraduate and postgraduate students, including medics, biologists and psychologists. He has been a visiting researcher to universities in the United States and has conducted research projects and data analysis for various organisations, including the Department of Health and the Medical Research Council. In addition to presenting research at various international conferences and writing for academic publications, Guy Sutton has talked about the theoretical and clinical aspects of his research on television and radio.

Guy has tutored on 'A' level reading parties for students and teachers for several years, and is an associate tutor with Villiers Park Educational Trust, Cambridge. He has developed courses for the OCR Examining Board and for the National Academy for Gifted & Talented Youth.

About MBI

MBI (Medical Biology Interactive) delivers one-day and half-day courses, seminars and tutorials in epidemiology, occupational health and the human sciences to the health service, industry and education. All MBI seminars are written and run by academics and health specialists, each of whom has considerable experience in research and its practical applications. Seminars are delivered at the hospital, workplace or school, based on cutting-edge research and current practice benchmarks, and tailored to the needs and concerns of the client.

For further information and full programmes, please contact Dr. Guy Sutton; tel. 07941 039670, e-mail: gmsutton@mbi-consultancy.co.uk.



MBI
MEDICAL
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PRESENTS

PHILOSOPHY OF MIND



*A Half-Day Tutorial for
A-Level Students in
Neurophilosophy &
The Relationship
Between Mind & Brain*

TUTOR :

Dr. Guy Sutton, Ph.D.

Director, MBI, &
Honorary Lecturer in Neuroscience,
University of Nottingham



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**Seminars & Tutorials For The
Health Service, Industry & Education**

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WHY PHILOSOPHY OF MIND?

Philosophy of mind refers to the philosophical study of the nature of mind, mental events, mental functions and consciousness. Thinking about these issues is the remit of philosophy, psychology and neuroscience. It raises many difficult and probing questions, some of which this tutorial will address.

What is mind and how is it different from consciousness? Is it simply a series of particular thoughts and feelings, or is it something over and above such mental experiences? Can mind be explained in terms of the brain's physical properties, or is the mind something that transcends the physical body? Do animals have mind and, if so, is it comparable with that of humans? At what point does the mind develop and how does it disintegrate?

This tutorial will attempt to answer such questions, together with other which arise. Philosophy of mind constitutes a rapidly developing area which addresses fundamental issues regarding the relationship between brain, mind and cognition.

WHICH STUDENTS WILL BENEFIT?

This tutorial is designed primarily for very able A2 level students but will also be useful to:

- any AS students with an interest in the nature of mind and consciousness in humans across the animal kingdom.
- those students considering a university degree and/or career in the following subjects:

Psychology **Medicine** **Neuroscience**
Philosophy **Life Sciences** **Veterinary Science**

The material presented during this tutorial will complement and develop upon topics and issues encountered in the 'A' level Psychology and Biology syllabi.

AIMS OF THE TUTORIAL

There are two main aims to this tutorial:

- to provide the student with an overview of philosophical exploration, with a focus on issues relating to mind, its development, its evolution, and its relationship with consciousness.
- to consider how mind changes with different physical brain states, and to explore the effects of drugs, brain damage, coma and religious experience on consciousness and mind.

MORNING PROGRAMME

A variety of topics and issues relating to philosophy of mind and consciousness will be covered. Some of these topics are described in the specimen timetable below:

- **9.00-9.10: Introduction & Aims**
- **9.10-9.40: Thinking about Philosophy**
What nature of philosophy: the history of mind; issues in philosophy of mind; defining mind and consciousness, the mind-body debate, free will & determinism.
- **9.50-10.30: The Evolution of Mind**
Brain development, genes and consciousness; evidence of prenatal mind; Theory of Mind & autism; neurodevelopmental disorders and consciousness.
- **10.30-10.45: Break**
- **10.45-11.20: Animal Consciousness**
Do animals have minds? The phylogenetic scale and the evolution of consciousness; chimpanzees and theories of self; comparative psychology. What is it like to be a bat?
- **11.20-12.00: Mind & Effects of Brain Damage**

Neurodegenerative disease; mental illness and mind; drugs and mental states; frontal & parietal lobe injury and personality; The Man Who Mistook His Wife For A Hat & disconnection syndromes.

- **12.00-12.30: Levels of Consciousness**
Levels of consciousness, coma and death; consciousness and general anaesthesia; transcendental states, religious states and near death experiences; life after death.
- **12.30-12.40: Questions & Conclusions**

FORMAT

The tutorial is delivered in your school and runs throughout the school morning. The above times are changeable to suit the school. Tutorial date can be arranged by contacting MBI.

Format is varied, with interactive, multimedia lectures and group discussions.

Each school receives an interactive sampler CD-ROM featuring tutorial material, activities and web links. Students each receive a comprehensive tutorial pack relating to and complementing material presented during the tutorial.

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PRAISE FOR BRAIN DAY

"A brilliant day."
Mrs. L. Brown,
The Friary School, Lichfield.

"Spot on! The day took the students knowledge to another level... it has also greatly improved my knowledge and understanding of the brain."
Mr. A. Harper,
Oldershaw School, Wirral.

"Fantastic - brings it alive. Great tutorial pack, fantastic resources."
Mr. Peters,
Horforth School, Leeds.

"A very high standard of presentation. Even the most reluctant students were engaged and fascinated."
Mrs. V. Sweeting,
Enfield County High School, London.

"Pupils highly enjoyed the optical illusions and interactive quizzes. A brilliant day."
Ms. P. Glaze,
Oldbury Wells School, Bridgnorth.

"Very well organised and pitched at the right level - both those with some previous knowledge and those without benefited enormously... Students were buzzing at the end of the day."
Mrs. P. Nissembaum,
The Long Eaton School, Nottingham.

"Students really enjoyed the DVD clips and appreciated the opportunity for discussion."
Ms. J. Herd,
The Wallasey School, Wirral.

"A very interesting day. Feedback from students has all been very positive."
Mr. David Howes,
Hills Road Sixth Form College, Cambridge.

"Terrific."
Mr. S. Codd,
Swinton Comprehensive School, Mexborough.

"Great variety of content... Students enjoyed the tutorial enormously and loved the sheep brain dissection. The day had been presented as an "Enrichment" opportunity and it certainly was."
Mrs. J. Hardy,
St Aidan's & St John Fisher Associated Sixth Form, Harrogate.