

Early Education Oxfordshire Branch Early Years Inspiration Forum Meeting

Attention, Executive Functions and Brain Development: How do they inform Early Years Practice with regard to Mathematical Development? Speaker – Dr. Gaia Scerif

- **When:** Thursday 10th March 2022
- **Where:** This event will run as a webinar
- **To register a place visit:** <https://www.early-education.org.uk/branch-events>
Joining information will be sent to you nearer the time of the webinar
- **Networking 6.15 – 6.30pm;**
- **Talk begins 6.30 and finishes at 8.00pm**
- **Cost:- £10 Members, £12 for full-time students; £15 non-members**

Attention, Executive Functions and Brain Development: and how do they inform Early Years Practice with regard to Mathematical Development?. This session will aim to show how neuroscience can support and inform practice in early childhood development, learning and care. We will discuss evidence on the interplay between mathematical development and other developing skills that are key to its success in the Early Years, such as attention and executive functions. Although these skills have traditionally been thought very slow to develop, more recent evidence instead highlights how adults and peers can scaffold them effectively in early learning environments. **Gaia** will guide us through these very challenging issues and help us learn more about the neuroscience of early attention and mathematical development, but also discuss ongoing interventions and emerging recommendations for early practice.

Gaia Scerif read Psychology at the University of St. Andrews (Scotland), spending a year as a visiting student at Queen's University, in Canada. She then moved to London for a PhD at the Institute of Child Health, University College London, supervised by Professors Annette Karmiloff-Smith and Jon Driver, in close collaboration with Prof Kim Cornish. After a brief visiting fellowship (now developed into an ongoing collaboration) at the Sackler Institute of Developmental Psychobiology, Cornell University, in 2003 she became a lecturer in the School of Psychology, University of Nottingham. Currently Gaia is Professor of Developmental Cognitive Neuroscience at Oxford University.

The Inspiration Meeting will be of interest to all Managers, Head teachers, and Early Years Practitioners working with the Early Years Foundation Stage and Year 1

For membership information please visit the Early Education website:

<http://www.early-education.org.uk/membership>

Please check as your school or setting may have a group membership for Early Education and so can log into their membership account. Should you require an invoice, please complete the online booking form and select 'pay by Purchase Order' Please direct any booking queries to office@early-education.org.uk,

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