

# Seminar On Working Memory And Learning Workshop

on 21st February 2013 at JW Marriott Hotel, Dubai - UAE



## FEATURED SPEAKER



**Dr. Helen St Clair-Thompson**  
Lecturer in Psychology,  
University of Hull, UK

Organised by



## WORKSHOP WILL COVER

- Introductions, aims and objectives of the workshop, followed by a presentation on working memory and why it is important.
- Workshop activity on recognising working memory problems and associated difficulties.
- Presentation on implications for educational practice.
- Workshop activity on reducing working memory loads in the classroom.
- Personal goal setting and closing comments

## WHO SHOULD ATTEND?

- Principals
- Administrators
- Counselors
- Social Workers
- Teachers
- Parents
- Researchers
- Adult Literacy Educators
- College Educators
- Correctional Specialists
- Curriculum Specialists
- ELL Educators
- LD Specialist
- Reading Specialists
- Staff Developers
- Speech & Language Specialists
- Library & Media Specialists
- Technology Coordinators
- Medical and Mental Health Professionals
- Teachers of special education and general education
- Education Policy Advocates and College Student Support Personnel
- Adults with learning disabilities and attention deficit hyperactivity disorder
- Parents of children with learning disabilities and attention deficit hyperactivity disorder.



## ABOUT THE WORKSHOP

Working memory is a system for processing and storing information which plays an important role in children's learning and attainment. For example, it shares close links with reading, comprehension, mathematics, and general school achievement. Working memory deficits are also observed in children with special educational needs. This one-day workshop is designed to provide an understanding of what working memory is, and how and why it is important in educational settings.

The second half of the workshop will then provide an understanding of how this knowledge can be applied in attempts to improve learning. This includes reducing the working memory load of learning activities, and attempting to remediate working memory directly via working memory training. The day will be comprised of a series of presentations about these topics along with a number of interactive small group activities.

## MEET YOUR EXPERT LEADER



**Dr. Helen St Clair-Thompson**  
Lecturer in Psychology, University of Hull, UK

**Dr Helen St Clair-Thompson** has been a lecturer in Psychology at the University of Hull since 2005. Prior to this she completed a PhD in Psychology at the University of Durham under the supervision of Professor Susan Gathercole. Her research interests are concerned with working memory; its cognitive underpinnings, its development, and potential improvement mechanisms. Dr St Clair-Thompson has extensive experience giving talks to academics, and educational researchers and practitioners. She has published several journal articles and book chapters concerned with working memory. Some examples are:

St Clair-Thompson, H.L. (2011). Executive functions and working memory behaviours in children with a poor working memory Learning and Individual Differences, 21, 409-414.

St Clair-Thompson, H.L., Stevens, R., Hunt, A., & Bolder, E. (2010). Improving children's working memory and classroom performance. Educational Psychology, 30, 203-220.

St Clair-Thompson, H.L., & Holmes, J. (2008). Improving short-term and working memory: Methods of memory training. In N.B. Johansen (Ed.). New research in short- Term memory. New York: Novascience.

For more information please see the staff pages for the University of Hull at: [http://www2.hull.ac.uk/science/psychology/our\\_staff/academics/helen\\_stclair-thompson.aspx](http://www2.hull.ac.uk/science/psychology/our_staff/academics/helen_stclair-thompson.aspx)

FEBRUARY 21st THURSDAY

## WORKSHOP AGENDA

08:00 AM - 09:00 AM Registration,  
Welcome Coffee , Networking

09:00 AM - 09:15 AM Welcome address :  
Opening Remarks

09:15 AM - 10:30 AM: **Introductions, aims and objectives of the workshop, followed by a presentation on working memory and why it is important.**

The presentation will focus in particular on the multiple-component model of working memory proposed by Baddeley and colleagues, and how each of the main components (Phonological loop, Visuo-spatial sketchpad, and Central executive) are related to learning and attainment.

10:30 AM - 11:00 AM Coffee break , Networking

11:00 AM - 12:00 PM: **Workshop activity on recognising working memory problems and associated difficulties.**

In this activity participants will be given the opportunity to apply their knowledge from session one. They will be provided with some standardised working memory scores and asked to consider what difficulties children with these scores would face in the school classroom. They will also be given some descriptions of children's performance in the school classroom and asked to consider whether these descriptions indicate working memory difficulties.

12:00 PM - 12:15 PM: Coffee break

12:15 PM - 1:15 PM: **Presentation on implications for educational practice.**

This presentation will focus on two main themes; managing working memory loads in the classroom, and attempting to improve working memory through working memory training. Techniques for reducing the working memory demands of learning activities will be described, and research into working memory training and its potential for improving learning and attainment will be discussed.

1:15 PM - 2:15 PM: Lunch Break : Networking

2:15 PM - 3:15 PM: **Workshop activity on reducing working memory loads in the classroom.**

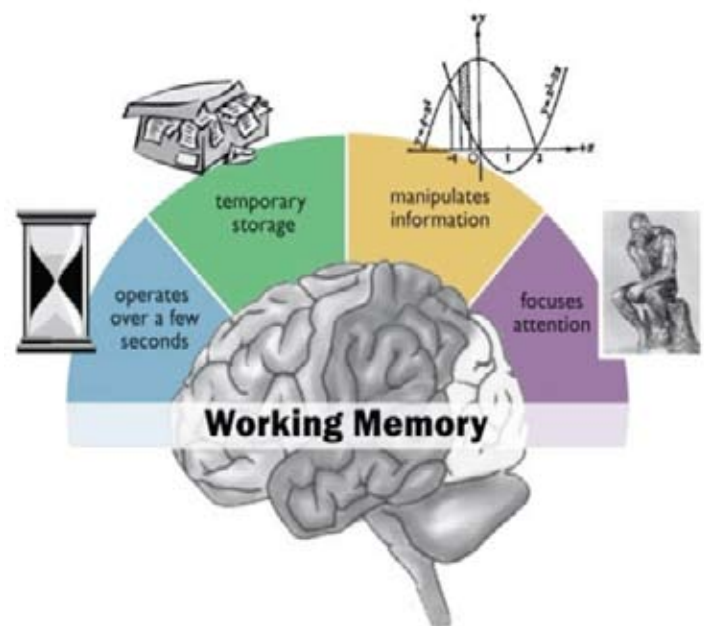
In this session participants will be encouraged to apply their knowledge from session three. They will be provided with descriptions of several common classroom activities and asked to consider how they could reduce the working memory demands of these activities.

3:15 PM - 3:30 PM: Coffee Break

3:30 PM - 4:30 PM: **Personal goal setting and closing comments.**

In this final session participants will be encouraged to set goals regarding applying the knowledge obtained from the workshop. This might include, for example, considering the working memory demands of classroom activities they design. We will also return to the aims and objectives of the workshop and discuss whether these have been met, and there will be an opportunity for questions and discussion.

4:30 PM - 4:45 PM: **Conclusion : Distribution of Certificates**



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## Registration Form

Registration fee for per participant s Dhs. 900/-

Note: Course Materials, Certificate, Refreshments & Lunches are included.

Group Discounts Available : 3 - 4 People 10% , 5 ++ People 15%

Conditions: Group Discounts apply for bookings made simultaneously and on one invoice only

Registration Information	Personal Details		
	Delegates Full Name		Designation
	E mail		
	1 <sup>st</sup>		
	2 <sup>nd</sup>		
3 <sup>rd</sup>			
4 <sup>th</sup>			

Please confirm my registration \* Please photocopy this form if more than four delegates.

Authorisation Manager Details:

Authorisation	Contact Person Name:		Designation:	
	Organisation Name:			
	Address:			
	PO Box:	Tel:	Fax:	
	Zip Code:	City:	Country:	
	Mobile	Email:		
	Authorised Signature:	TOTAL AED	<input type="text"/>	

Fax this form to : +971 4 2948486 Please call us if you require any assistance on +971 4 2955581

Please Note: Payment is required prior to attending this event

### Payment Information

### Conference Venue

Payment Details	<input type="checkbox"/> Electronic Fund Transfer <input type="checkbox"/> Cheque (payable to ishara consultants) <input type="checkbox"/> Credit Card <input type="checkbox"/> Cash	Please transfer the Fee to: <b>ISHARA CONSULTANTS</b> BANK : Emirates NBD ACCOUNT #: 101-13139241-01 DEIRA BRANCH , DUBAI - UAE SWIFT CODE: EBILAEAD IBAN: AE58 0260 0010 1131 392 4101	<b>JW Marriott Dubai Hotel</b> Abu Baker Al Siddique Road, Hamarain Centre, Deira , Dubai - UAE Phone: +971 4 262 4444 Fax: + 971 4 2626264  Accommodation Details: We highly recommend you secure your room reservation at the earliest to avoid last minute inconvenience.
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#### Cancellation Policy

If you are unable to attend this event, you may send a substitute delegate in your place at no additional cost. Please advise us of any substitutions as soon as possible. If this is not suitable 20% service charge will be payable. Alternatively, you may transfer your registration to another event. A 10% service fee may apply. Should you wish to cancel your registration, please notify us in writing as soon as possible and a credit note will be issued valid for use towards any future events. A 10% service fee may apply and does not provide refunds for cancellation