

# Differentiated peer learning and assessment



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# Research, evidence and thought- leaders

**Prof John Hattie**

"the effect of students' peers on learning is considerable"

**Dylan William**

"... activating students as learning resources for each other"

**Geoff Petty**

EBT & high effect sizes for peer and self assessment

**Sir Ken Robinson**

curiosity, creativity & collaboration are the 'engines of learning'

# Co-operative Learning Methods

JGs = Jigsaw  
Groups  
SME = Subject  
Matter Experts

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This method  
includes:

- ◆ individual thinking time
- ◆ peer collaboration
- ◆ peer teaching

(1) JGs form &  
topic is  
sub-divided

(2) Students  
work alone,  
research &  
make notes

(3) Expert  
groups share  
knowledge,  
ideas &  
conclusions

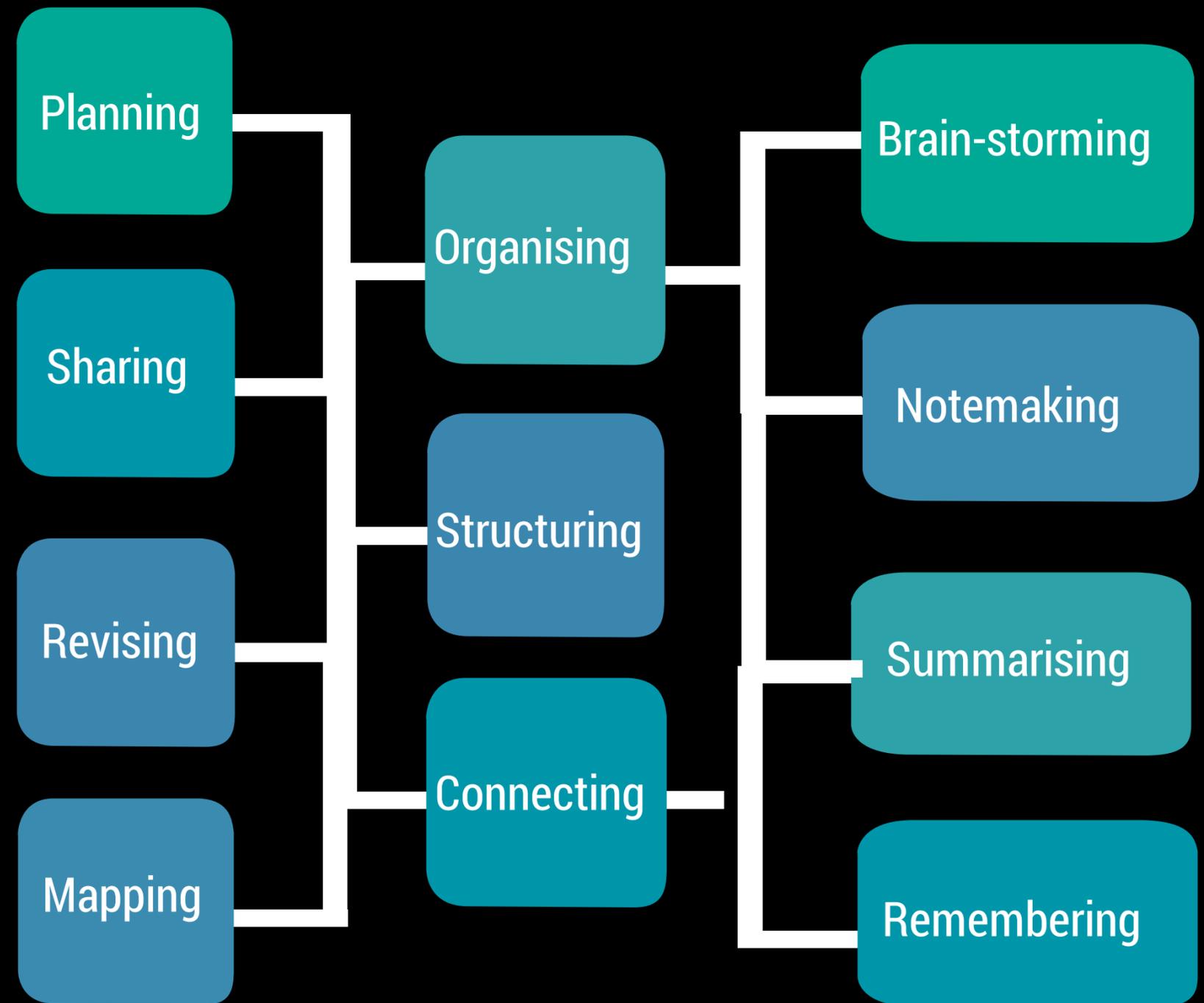
(4) JGs  
reform and  
SMEs  
feedback to  
each other

**Jigsaw**

# Graphic Organisers

for teaching, learning and assessment

GOs require students to organise information in a logical & creative way. Because the extent of learning is immediately evident, students engage in feedback conversations with peers or the teacher.



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## Approaches to peer assessment

Carouselling with curiosity

RAG Ratings

Medals and missions

De Bono's 7 thinking hats

Individual, pair, or group consensus

Appreciative Inquiry: (e.g. 4Ds)

Post-it notes, or feedback sheets

(i) What went well (ii) Even better

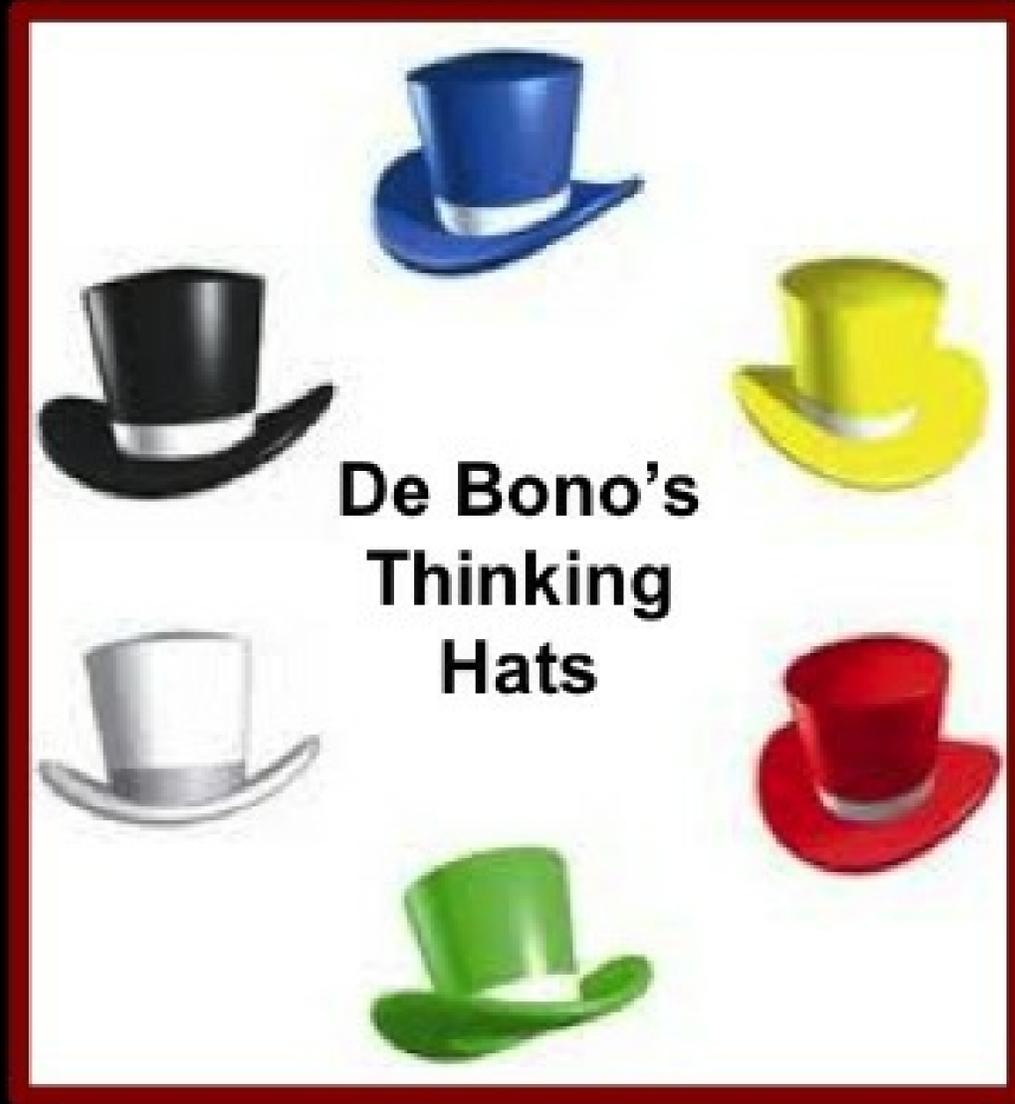
Two stars and a wish

Moderating anonymous work

Free, semi-structured or against criteria

Team work, collaboration & diversity

Process & thinking  
about thinking



Cautions &  
limitations



Benefits, use  
& relevance



Facts &  
data

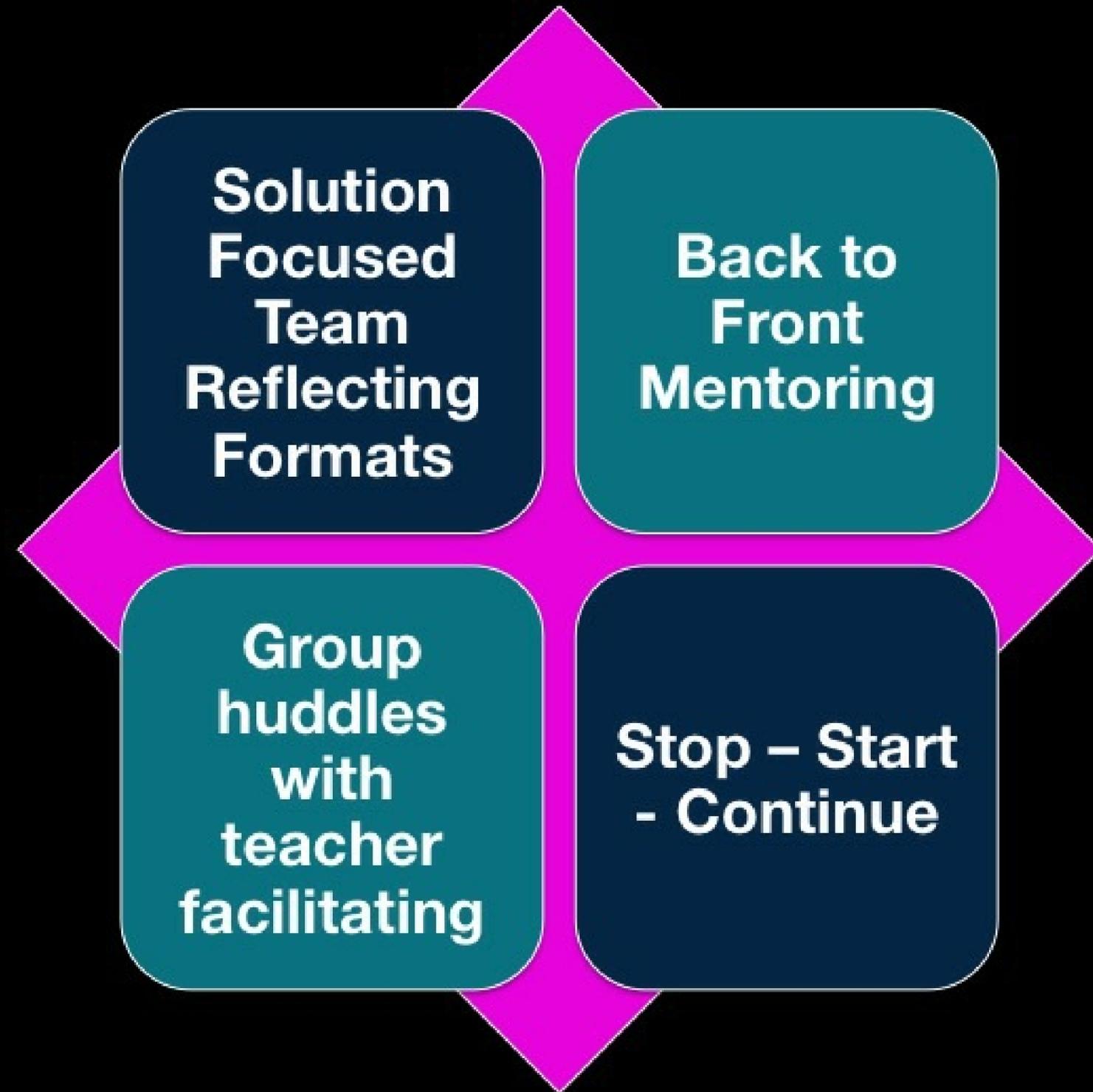


Feelings & gut  
instinct



Creativity & solutions  
to black hat issues

# Group coaching & mentoring



# Peer coaching & mentoring

**CAB**  
coaching:  
clarify, actions  
and options,  
benefits

**Standout  
Moments:**  
(e.g. follow 5W  
& H format)

**Peer-led  
mentoring**  
(e.g. after one  
minute paper)

**Time-line  
coaching:**  
preferred  
future, past  
experiences,  
next steps

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# Thoughtful peer groupings

Introvert -  
Extrovert

Growth  
Mindset -  
Fixed Mindset

Big picture -  
Details

High Will -  
Low Will

Facts & data -  
Ideas &  
opinions

Results  
driven -  
Group  
cohesion

Leader -  
Team player

Energiser -  
Completer

Work on own  
- Work in  
groups

Embrace  
challenges -  
Play it safe

Theorist -  
Activist

These are some alternatives to grouping randomly, by 'perceived' ability or in order to split friendship groups.

# **E-Tools for peer learning and assessment**

**\* en.linoit.com & www.padlet.com (both are online noticeboards / walls where students access material, post their own and comment with each other)**

**\* www.blendspace.com (allows educators to blend classrooms with digital content)**

**\* www.smore.com (leaflets, information, newsletters via e-mail and diagnostics)**

**<https://wordpress.com>**

**\* Blogs**

**\* You tube channels**