



Authentic Assessment For and As Meaningful Learning in IAB

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Thanks

IAB



Participating schools
&
Ministries of Education
in various parts of the Arab World

International

Arab

Baccalaureate

البكالوريا

العربيّة

الدوليّة

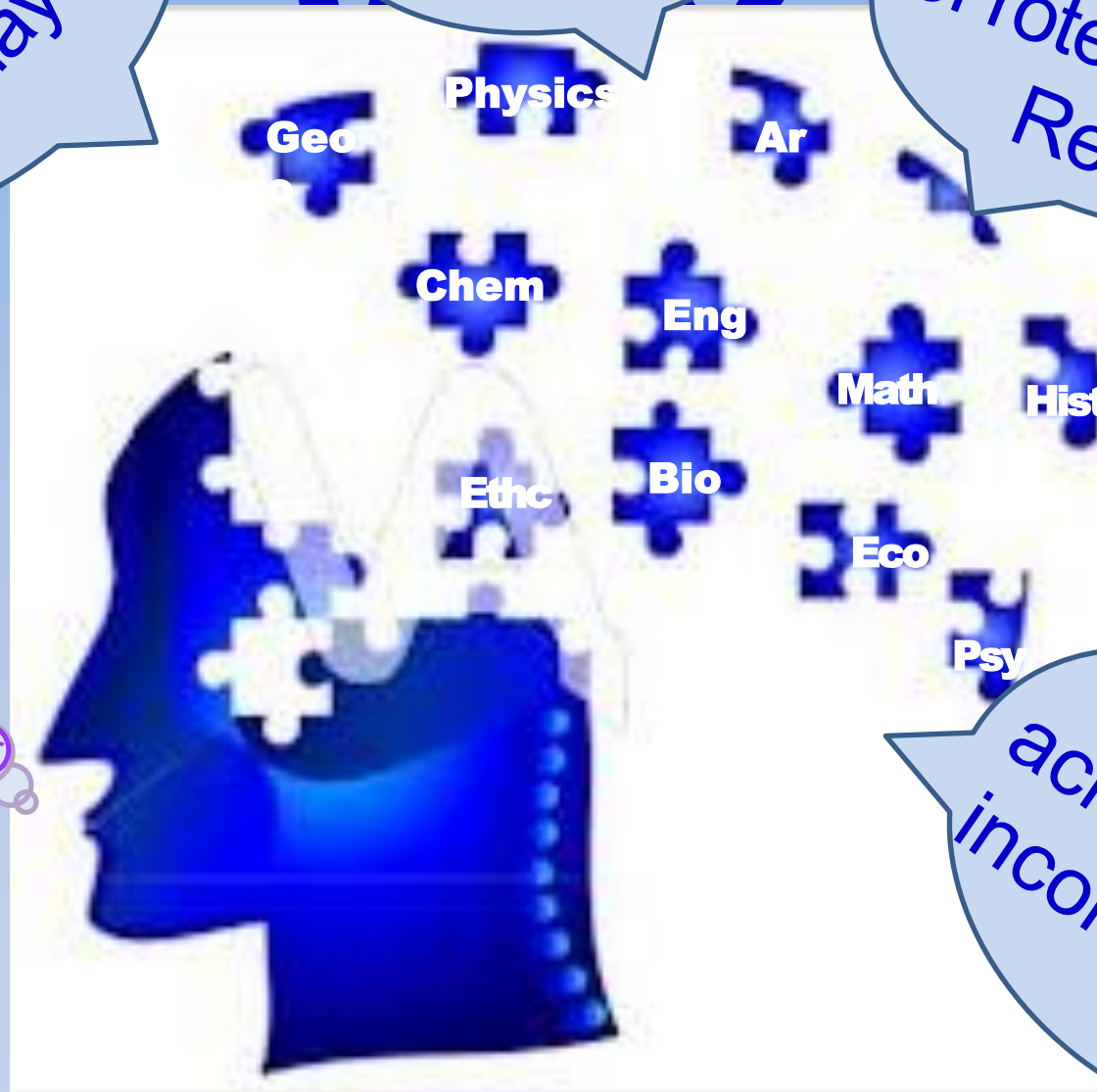
IAB

No relation
to
everyday life

Short-term
retention

Assessment
of rote learning
Recall

School
not doing
me any
good



Within &
across fields
incoherence

History



- 2007-2010: Preparation & Pilot in Grades 10-12
KSA, Egypt, Jordan, Lebanon [Private sector]
- 2010-2011: Formal deployment in Grade 10
+ pilot in Grades 11 & 12
- 2012-2013: Formal deployment in Grades 10-12
+ Grade 10 – Public sector
+ Accreditation of new schools for 2014-2015
- June 2013: First cohort of IAB graduates
- 2014-2015: Roll out throughout the Arab World
+ Preparation for primary & middle schools

What is IAB?



A comprehensive initiative for educational reform:

- Based on research in the Arab World
- Grounded in neuroscience / cognitive science / corroborated best practices in education
- Deployed within existing curricula
- Respects local culture and heritage
- Builds up the capacities of students and teachers
- Grounded in *Profile Shaping Education* (PSE)

Profile Shaping Education **IAB**

PSE

Empower students with a profile

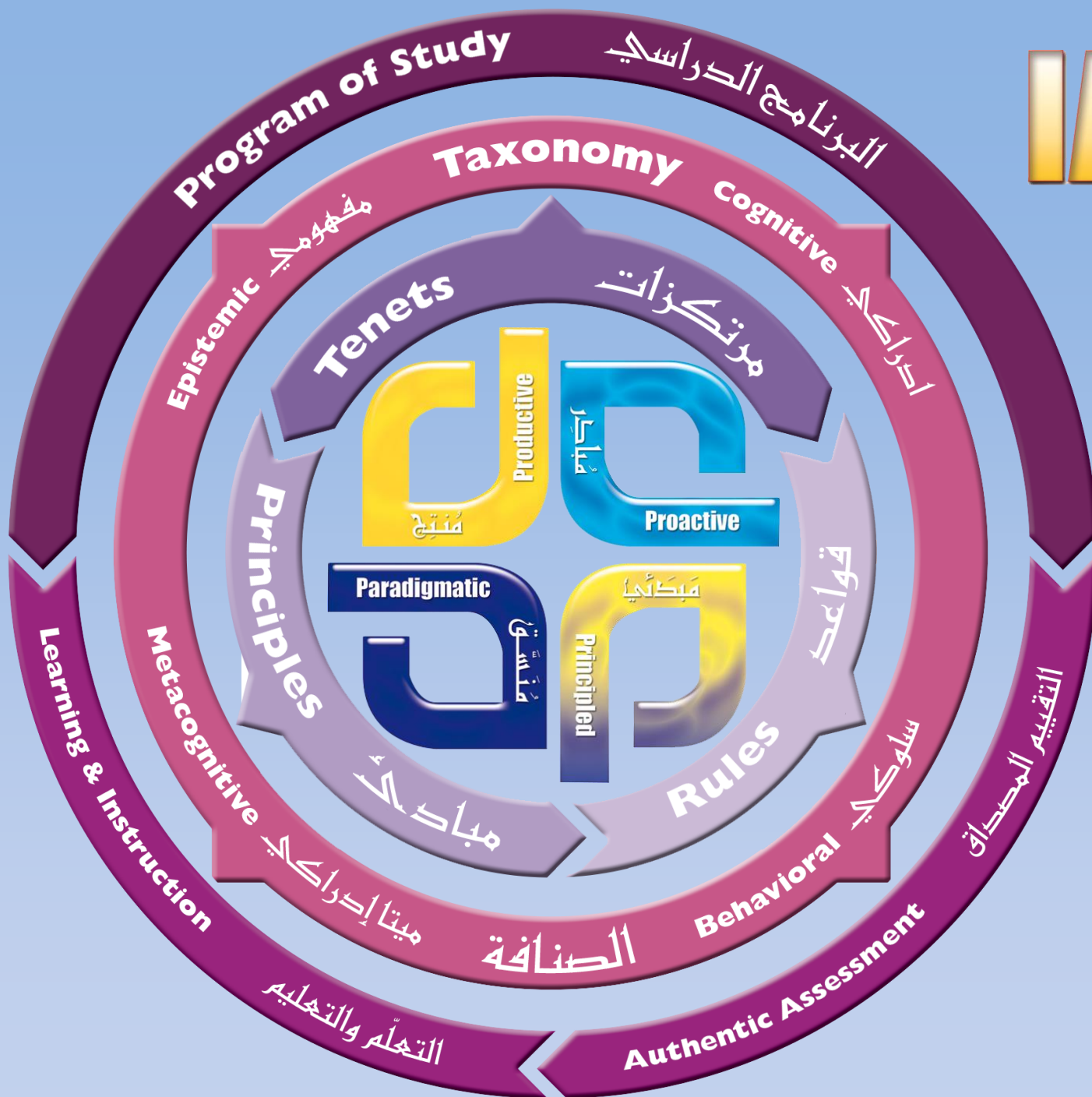
for success in modern life,

higher education & the workplace

PSE Profile

IAB





PSE Taxonomy



Epistemic	Cognitive	Behavioral	Metacognitive
Domain	Analytical reasoning	Communication	Affects
Function	Criterial reasoning	ICT	Attitudes
Composition	Relational reasoning	Manipulative	Morals & Ethics
Internal structure	Critical reasoning	Artistic	Values
External structure	Logical reasoning	Eco-engagement	Views & Beliefs

Learning outcomes



- Transparent
- Self-contained
- Clear (objective and precise)
- Measurable
- Relevance to the 4-P profile
- Viable
- Transportable

Authentic assessment **IAB**

- ✖ Assessment NOT a goal
- ✔ but means to promote the 4-P profile
- ✖ Assessment “of” learning
- ✔ Assessment “for” learning
- ✔ Assessment “as” learning
- ✔ Continuous evaluation & regulation
- ✔ **Meaningful NOT rote learning**

Paradigmatic

IAB

وَأَنزَلْنَا

Prin

كَأَيِّ

Pro

وَأَنزَلْنَا

Pro

matic

وَأَنزَلْنَا

What to teach & assess

IAB

Long-term retention

Less
is
more

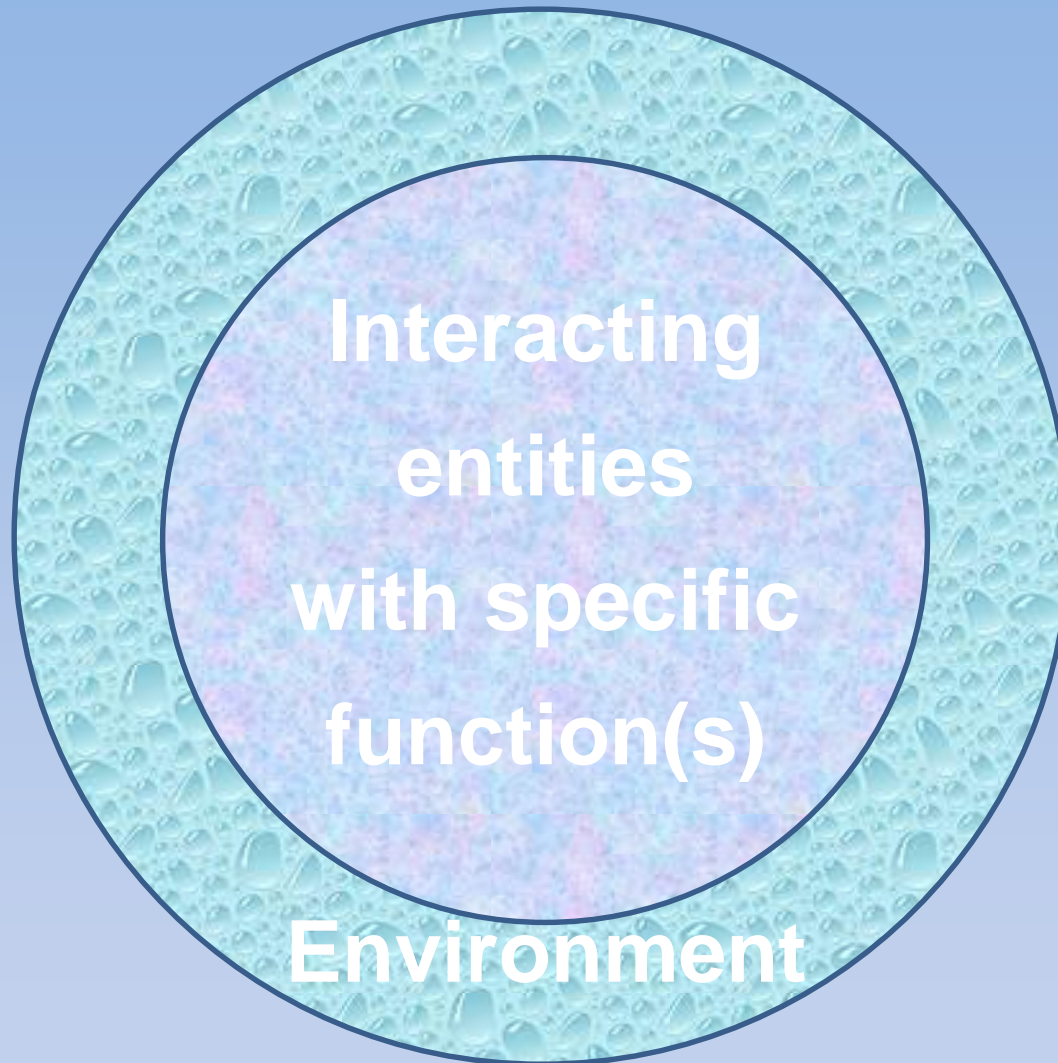
Expert
Systems
Patterns

Cross-
disciplinary
coherence

Meaningful learning
Everyday life

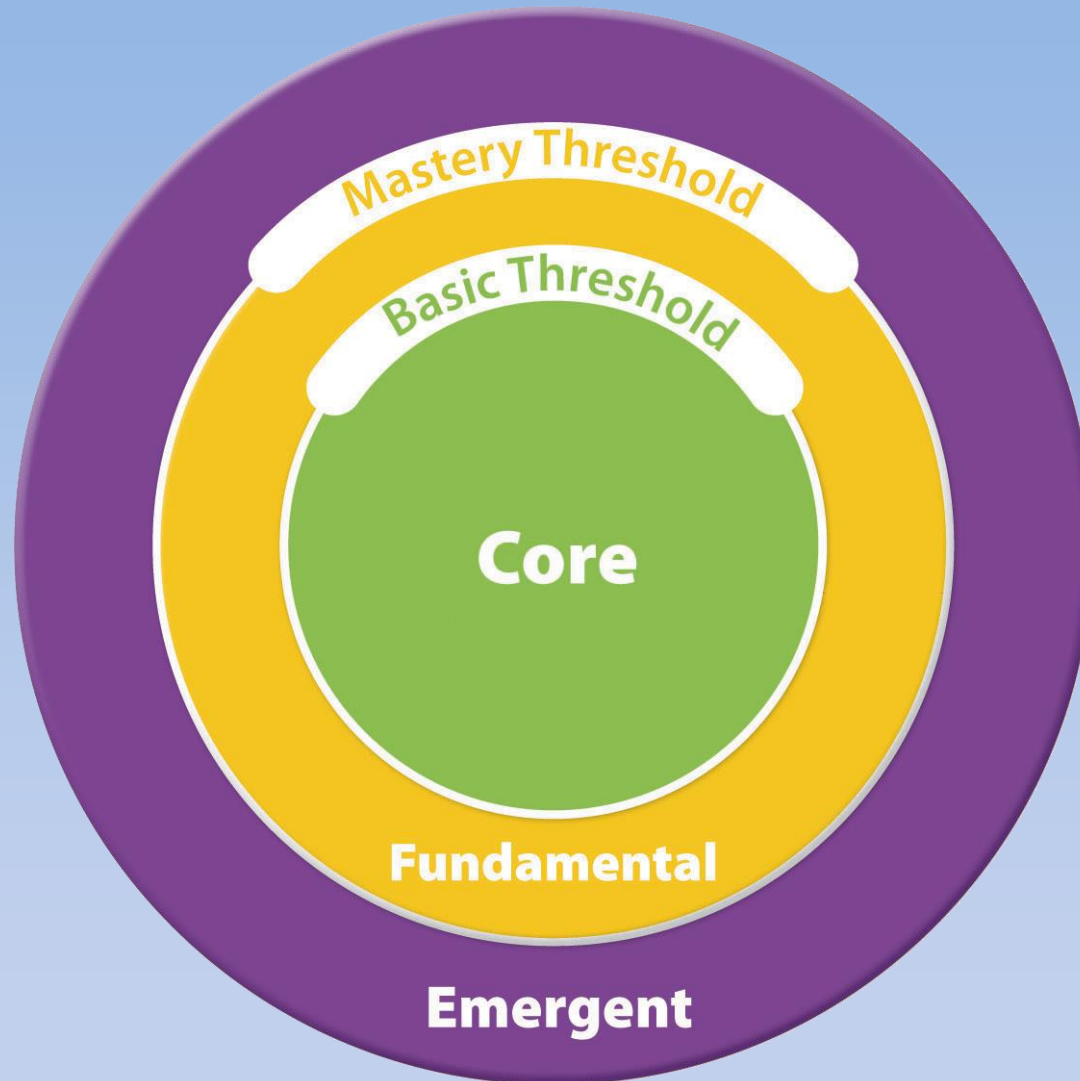
System

IAB



PSE Thresholds

IAB



Universality



Uniformity of assessment across
Fields, grades, schools, countries

- Uniformity of item / assessment design & deployment

[Item map](#)

- Cross-disciplinary projects

- Common scale calibration & leveling criteria

based on PSE developmental levels:
initiation, gestation, replication, innovation

Profiling schema



Rating	Epistemic	Cognitive / Behavioral / Metacognitive (Habits of mind and practice)
1	The student has barely realized, if any, the scope or structure of a given system .	The student barely demonstrates her/his ability to deploy the habit (reasoning skill, dexterity or disposition) in the context of any system.
2	The student has partially realized the scope and structure of the system as demonstrated in familiar situations.	The student demonstrates her/his ability to partially deploy the habit in the context of certain familiar systems / situations.
3	The student has realized the scope and structure of the system, to the extent that is required , as demonstrated in familiar situations or similar new situations.	The student demonstrates her/his ability to deploy the habit, to the extent that is required , in the context of familiar systems / situations or similar ones.
4	The student has reinforced her/his knowledge about the scope and structure of the system beyond what is required , as demonstrated in new situations that are not similar to familiar ones.	The student demonstrates her/his ability to deploy the habit beyond what is required , in the context of new systems / situations that are not similar to familiar ones.

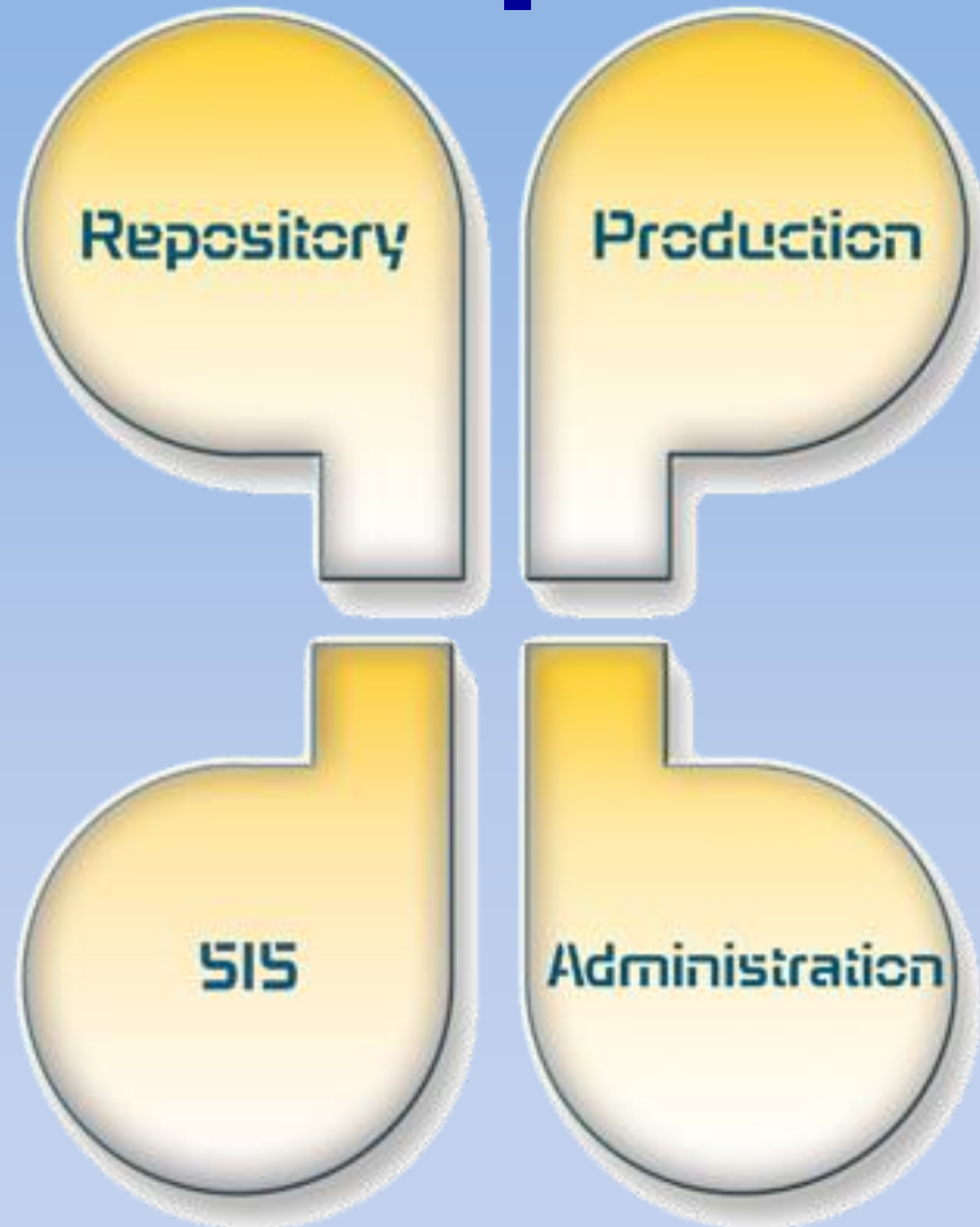
Equity



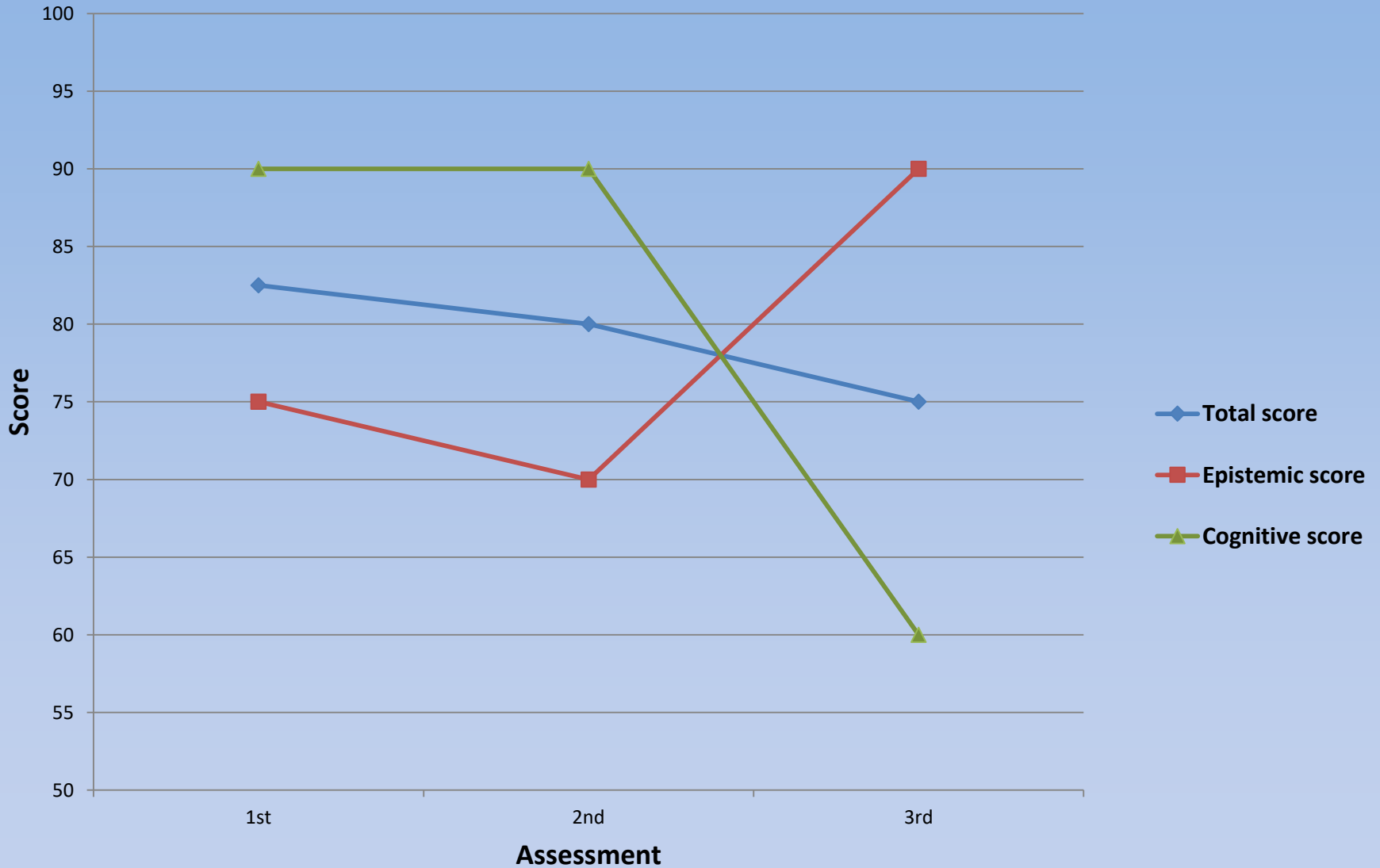
- Continuous assessment
IAB diploma based on Grades 10-12 work
- Diversity of types & forms of assessment
Respect of learning styles
On-line, on-demand, on-paper
- Continuous monitoring & processing of
items & stakeholders' data

Assessment platform

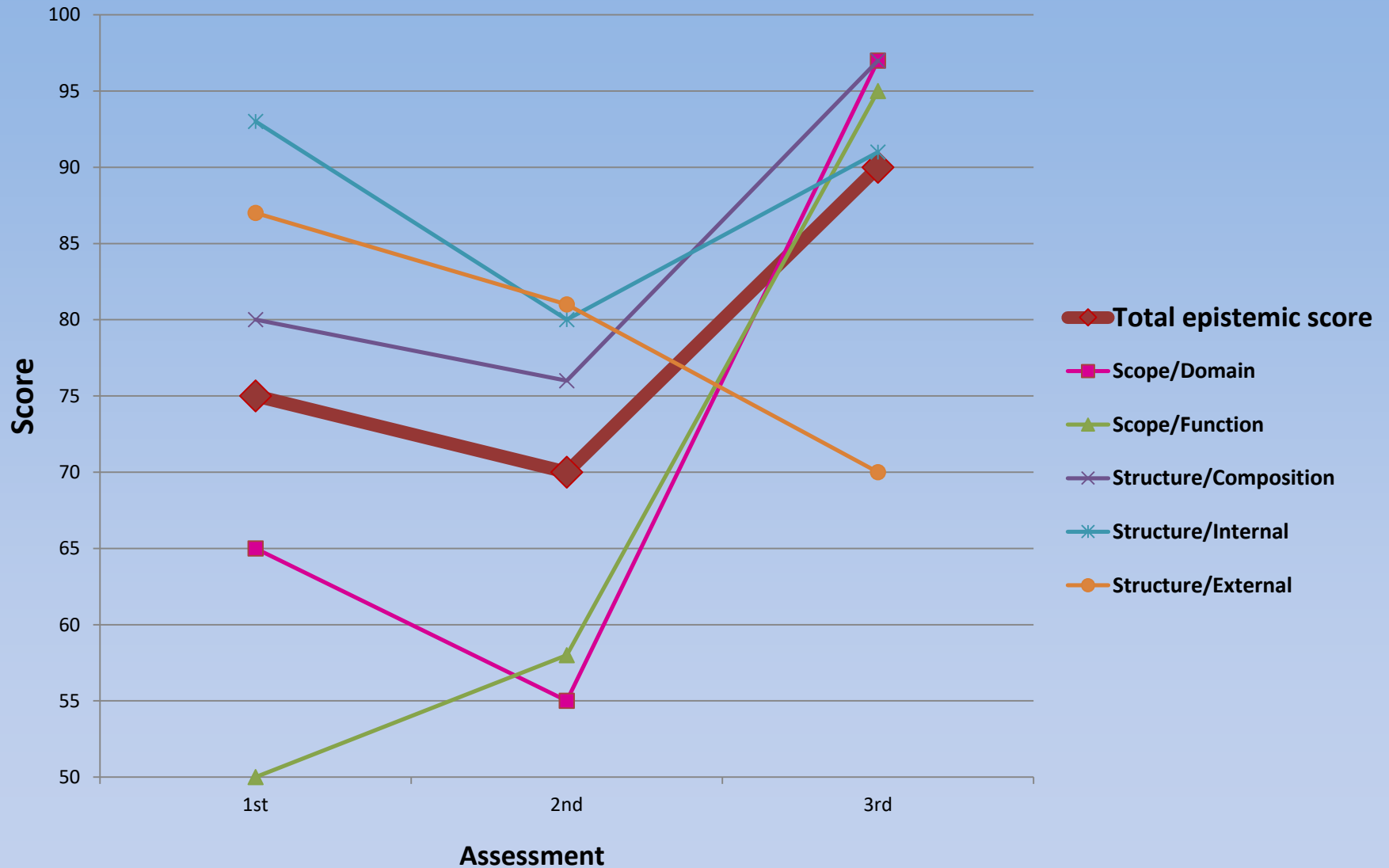
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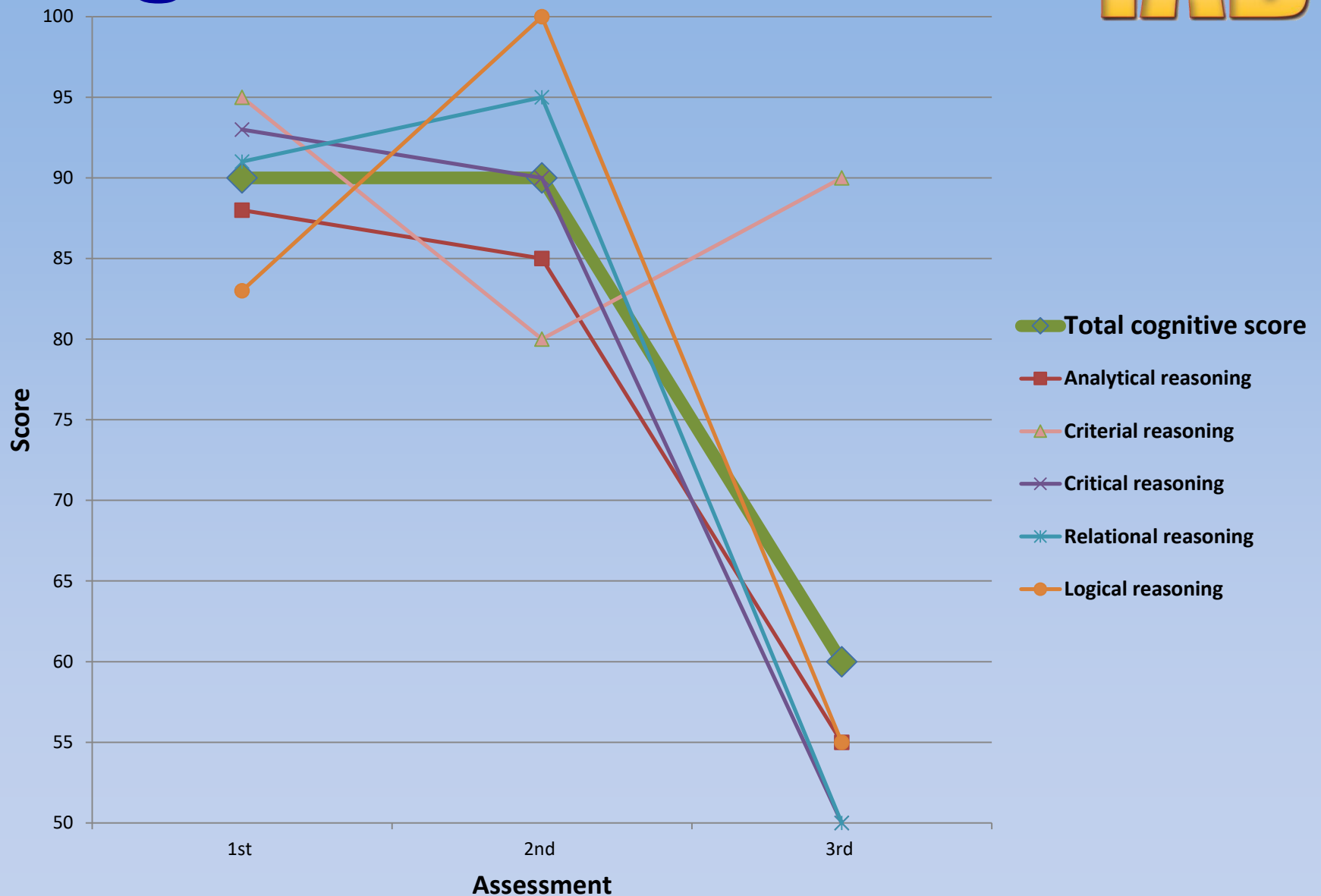
Profile evolution



Epistemic evolution



Cognitive evolution



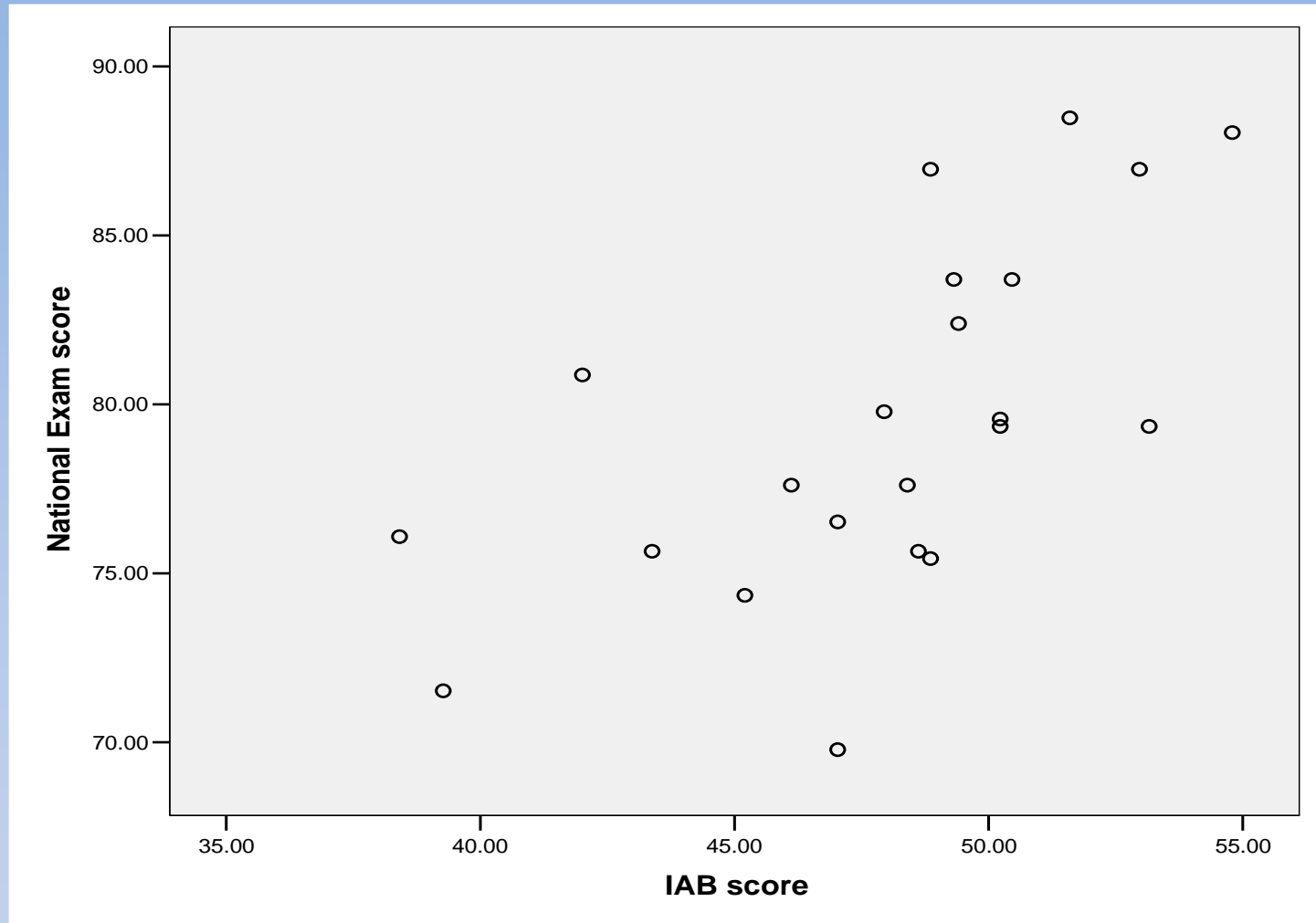
IAB community





TOGETHER:

- We own and develop IAB
- Capacity building of teachers
- Agents of change
- Local centers of excellence
- Parents & other stakeholders engagement


Success indicators



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Thank You

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