



CEM IBE
**Baseline
assessment
for students
aged 16 to 18**



Adaptive assessment

CEM IBE is a computer-based adaptive assessment for International Baccalaureate students aged 16-18.



Student-led

Each student completes the assessment independently. The assessment can be carried out with multiple students at one time.



Automatic uploading

Student responses are automatically uploaded and returned to CEM for analysis. No teacher marking is required.



Results within 48 hours

Results are available to download within 48 hours, providing formative and diagnostic feedback to identify students' needs in key developmental areas and inform your professional judgement.



Predictive data insights

Provides indicators of likely future exam performance for the IB Diploma



Value-added feedback

Understand the progress your students are making over time and the impact of your teaching.

“CEM data gives us a point of comparison against a massive database of other students in schools around the world.”

John Nixon, Director at the British School, Rio de Janeiro, Brazil

The assessment modules

The assessment takes around 50 minutes. Students are assessed in three key cognitive areas which research shows are linked to later academic outcomes:

- **Vocabulary** – word fluency and understanding
- **Mathematics** – logical thinking, manipulating numbers and numerical concepts
- **Non-verbal skills** – matching speed and accuracy, logical reasoning and diagrams.

CEM IBE supports you to:

- Get a reliable and independent baseline for your students
- Understand individual strengths and discover hidden talents
- Raise the confidence of students by targeting learning needs ahead of IB Diploma examinations
- Motivate and encourage students to fulfil their potential with personalised learning plans
- Continually monitor student progress at individual and cohort levels
- Support professional judgement with objective data in predicting to IB Diploma.

The reports

CEM IBE include:

Baseline data:



Standardised scores – comparing students' performance.



Individual Student Record sheets – providing a visual breakdown of results and highlighting relative areas of strength and weakness.



Cohort ability profiles – help you see the spread of your students' ability.

Predictive data:



Subject-specific predictions and Chances Graphs – providing indicators of likely future performance in IB Diploma examinations.

Value-added data:



Value-added evidence for students and subjects – helps you to see the impact of your teaching and share best practice between departments.



Comparisons of student performance – show your students' progress in light of their predictions and progress made by similar students.



Evidence of school performance and improvement over time – show your students' progress in light of their predictions and progress made by similar students.

“The value-added data that is offered in correlation to IB results is tremendously important, particularly in terms of longitudinal analysis of identifying where we have real strengths and weaknesses, and in terms of subject areas and departments.”

Dr Karen Taylor, Director of Education, International School of Geneva

Find out more about CEM IBE

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