



# The MidYIS Test



**Helping children and young people reach their potential**

# The CEM at Durham University



- The Centre for Evaluation and Monitoring is the largest educational research unit in a UK university.
- Works with schools, colleges, education authorities and government agencies to provide high-quality information through scientifically grounded research, using evidence to guide to educational practice.
- Home of a widely-used family of baseline testing systems.

**Assessment for Excellence**

# The MidYIS test



- MidYIS stands for **M**iddle **Y**ears **I**nformation **S**ystem
- Tests are designed to measure ability and aptitude for learning rather than achievement.
- Results can be used to give an expected level of attainment in National Qualifications.

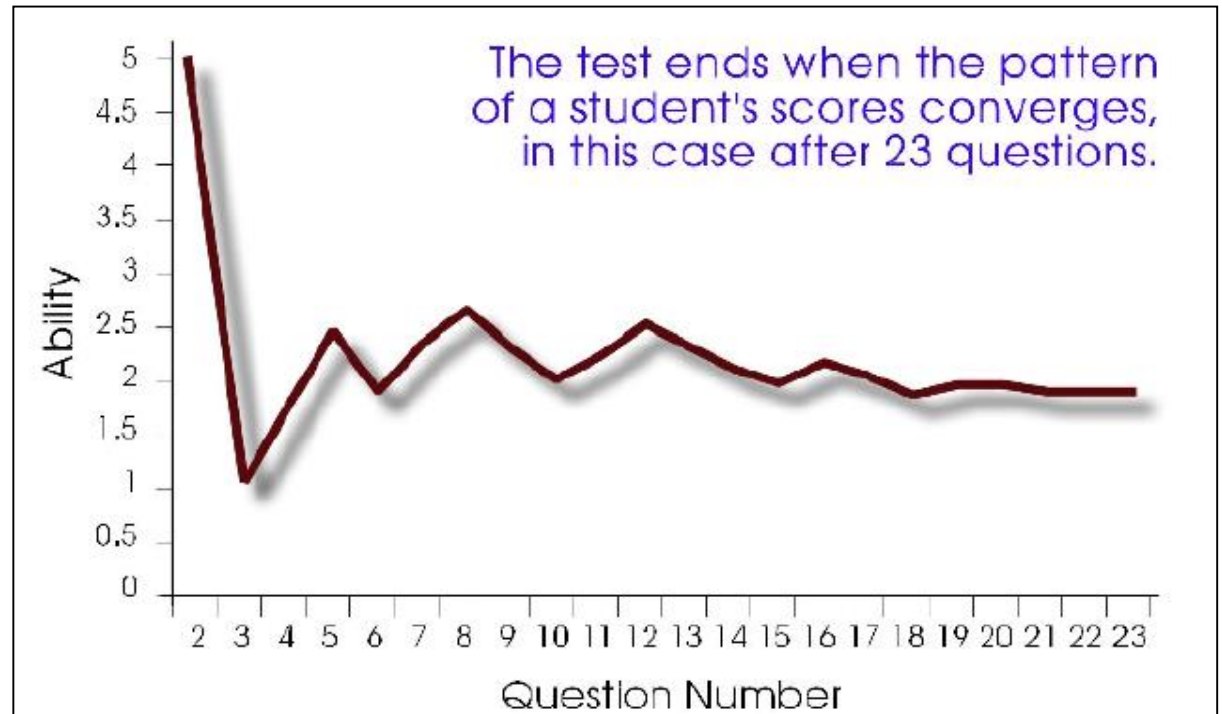
# Computer Adaptive Testing



- Adaptive test is based on growing bank of questions.
- The adaptive nature of the test means that all pupils are challenged and receive a bespoke test suited to their ability.
- Adaptive testing is considered the most efficient method of ascertaining a measure of pupils' abilities.
- It offers pupils questions based on their answers to previous questions, and can therefore quickly focus in on each pupil's ability measure without requiring them to answer reams of unnecessary questions: questions that may be too easy or too hard.

## Adaptive Assessment:

- Questions adapt to pupil
- Efficient
- No time Wasting
- Wider Ability Range
- More Enjoyable
- Green



# What is tested?



- **Vocabulary:** The CEM's research has shown that development of vocabulary is not fundamentally affected by teaching and is a vital component for success in all subjects.
- **Maths:** pupils are presented with a variety of mathematical questions, ranging from basic arithmetic through to algebra.
- **Non-verbal:** a battery of tests looking at the ability to handle shapes in order to test visual and spatial skills.
- **Skills:** This section is a test of proof-reading and also perceptual speed and accuracy. Pupils have to identify grammatical errors in short passages, such as spelling mistakes, incorrect punctuation and capitalisation.

# Standard Score



- A pupil's raw MidYIS scores are standardised against the results of everyone in the country taking part in the project to allow scores to be compared with different pupil groups or pupils in different schools.

## The scores can be summarised as follows:

76-87	Well below the national average
88-95	Below average
96-105	Average
106-112	Above Average
113-124	Well above average
$\geq 125$	Far above average

# MidYIS Band



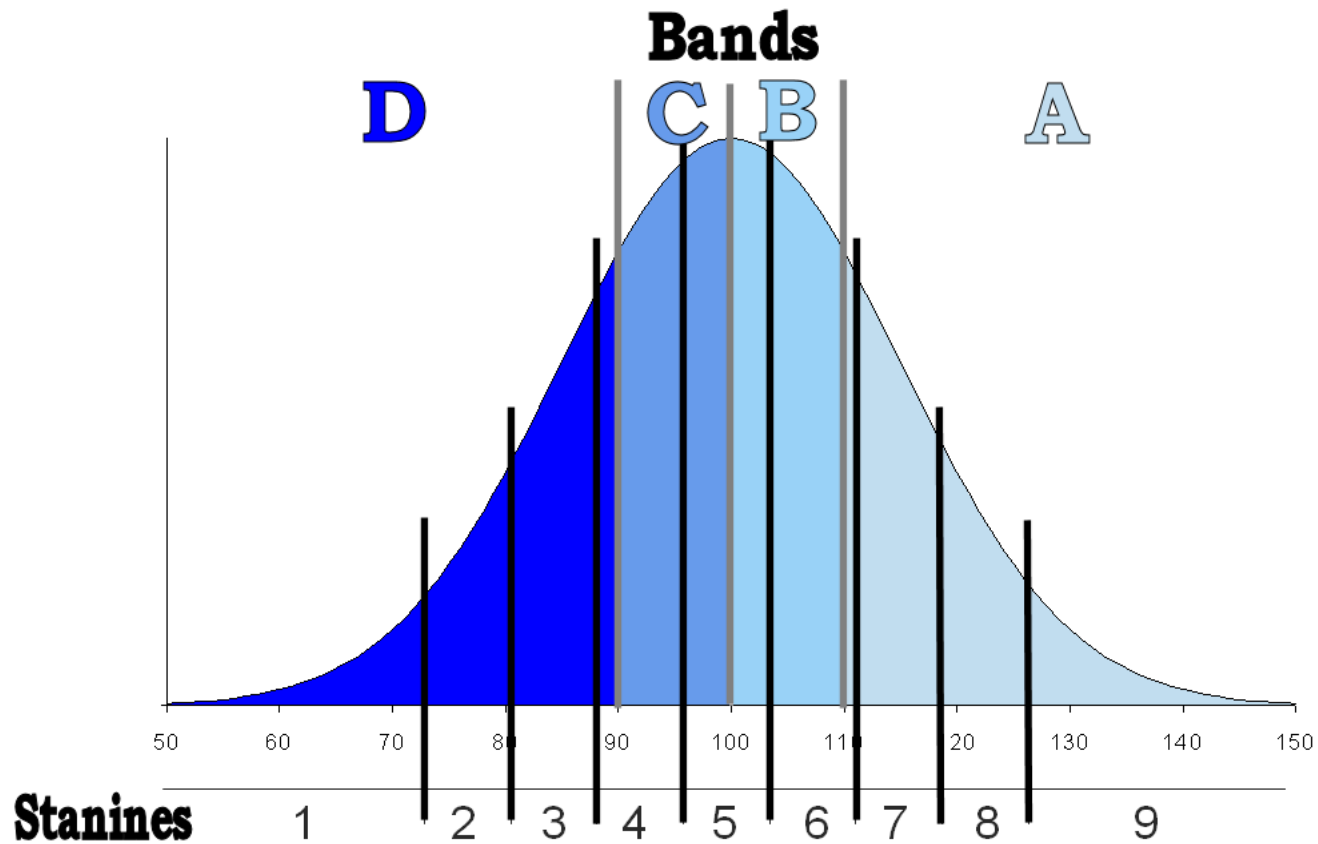
The score for each component and for the overall test is used to place pupils in a performance band.

The scores for each band are as follows:

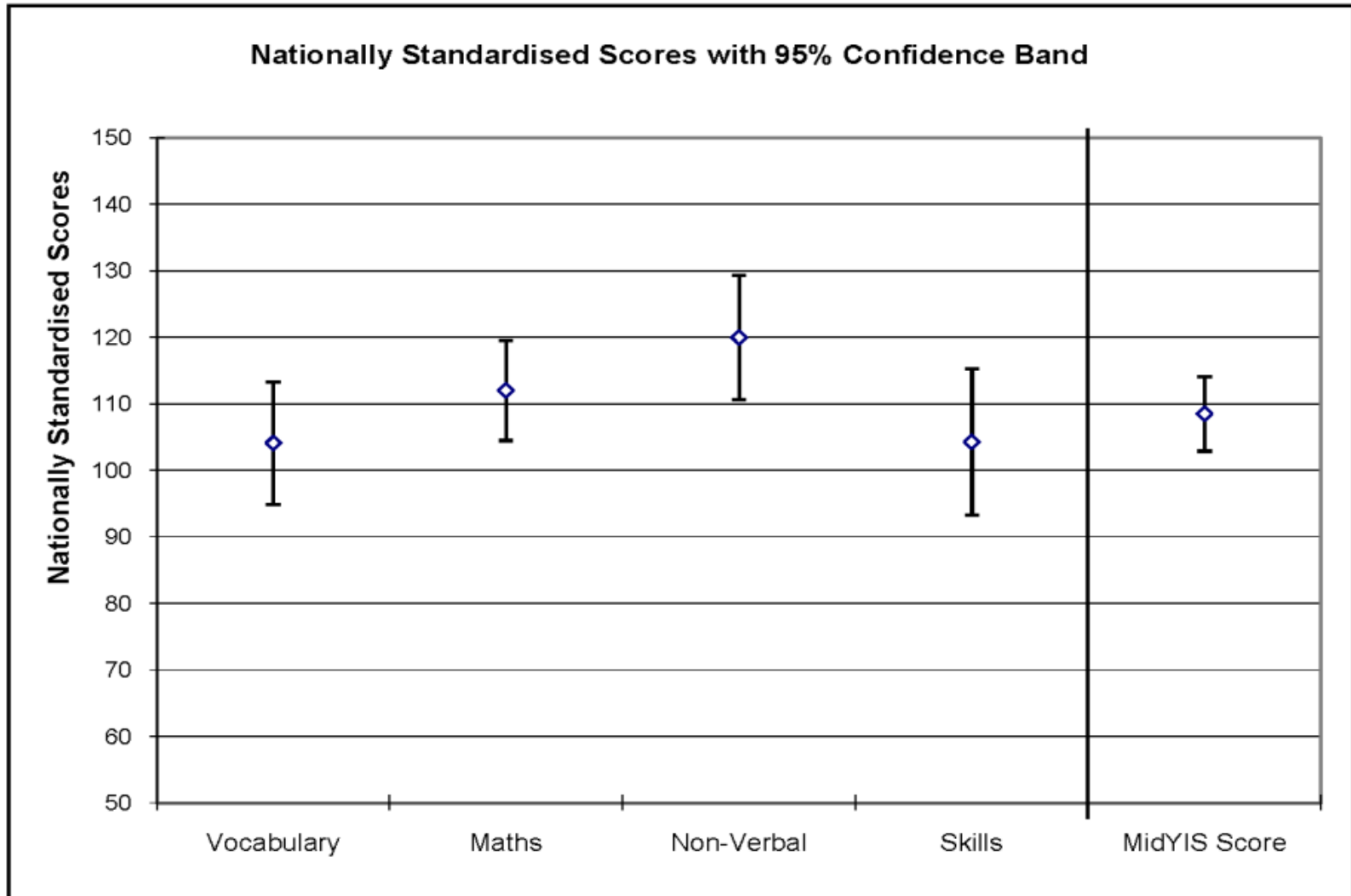
- <90                      Band D
- 91-99                     Band C
- 100-109                 Band B
- $\geq 110$                  Band A



The diagram shows how the four ability bands and the nine stanines are mapped.



# Confidence Limits



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# Maths

What is  $y$  if  $y + 3 = 15$

10

12

$y =$

14

11

9

Name: \_\_\_\_\_

**Next**

Section: Mathematics

Question ID: M2173 Question Number: 15

# Vocabulary

Click on the word or phrase with the closest meaning.

accurate

medicine

correct

vicar

velocity

Name: Test Test

[Next](#)

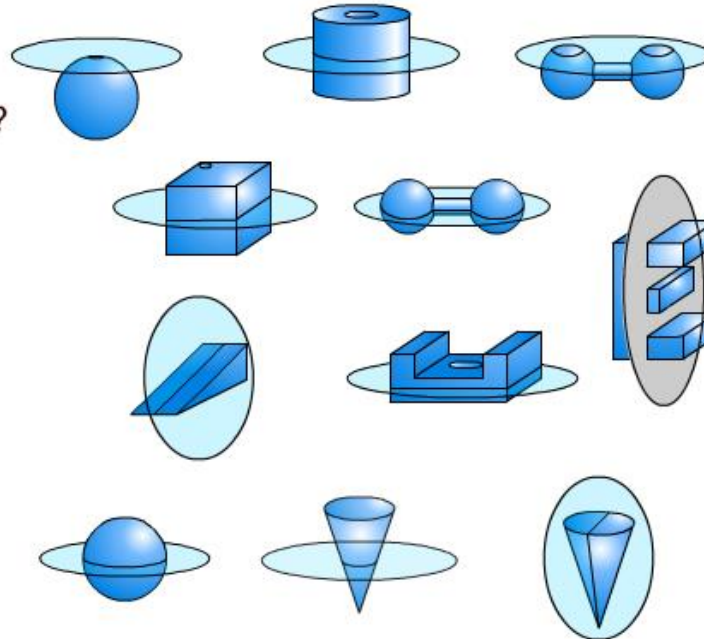
Section: Vocabulary

Question ID: 9

Question Number: 1

# Non-verbal

Which shape has been cut to produce the cross-section below?


No Match

4:41


NEXT



# Skills



QUIT



0:22

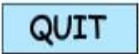


The riting you re about to read is about making bread, somethink witch is not everybodys cup of tea. If everyone new how easy it is to make bread more people wood go to the shops, bye Bakers' yeast, flour, sugar or molasses and salt. Nothing more is needed. It is best to follow a recipie to get the quantitys corect. The worst part of making bread is cleaning up the utensils when you'r finished. The best parts are eating the bread while it is steering hot from the often. Holemeal bread is thought to be very healthy. this has given raise to the saying: "Oh the black molasses and the wheaten bred. Thy make you live so long that you wish you were deed."



NEXT



# Skills



Find the match for the letters or symbols below.

mlkj

mlkj

ijklm

mijk

mlkj



# Feedback

- Feedback can be used at the pupil, class and cohort level
  - to guide individuals
  - to monitor pupil progress
  - to monitor subject-wide and faculty level progress
- For classroom teachers, head teachers or SLT for a variety of purposes and approaches to tracking, monitoring, intervention and reporting

# Further Information & Demo Test

<https://www.intuproject.org/demos/CABTFamiliarisation>