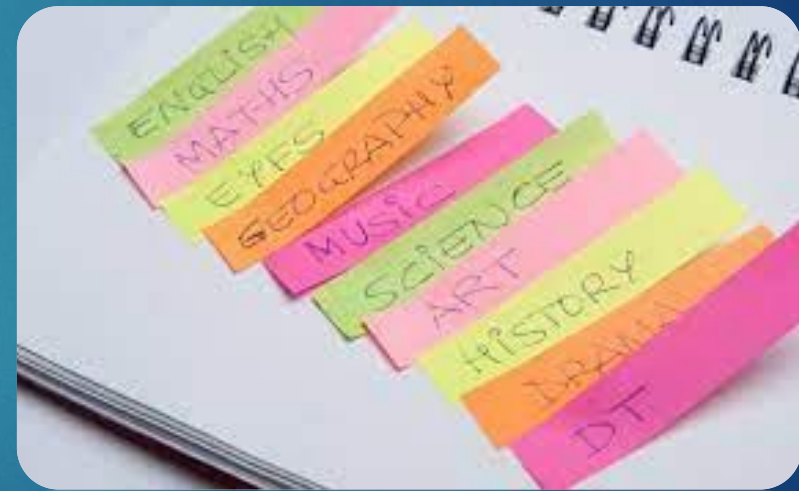




Understanding CAT 4 Assessments for TY Students



SENIOR GUIDANCE

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What is CAT 4?



- ▶ The Cognitive Abilities Test Fourth Edition (CAT4) which assesses how well a student can think about tasks and solve problems using a range of different questions.
- ▶ Some tasks involved thinking about shapes and patterns (Non-verbal Reasoning), some with words (Verbal Reasoning) or numbers (Quantitative Reasoning) and, finally, some questions were answered by thinking about shape and space together and imagining a shape being changed and moving (Spatial Ability).



What do the assessments do for you?



- ▶ The CAT4 test gives an indication of your potential to learn in each of these areas.
- ▶ The results of the CAT4 can be used to help you decide which subjects best suit your learning potential.



How to read your CAT 4 Report



Part one of the report:

A bar graph like the one below will be provided, giving the results of student's potential to learn in the 4 areas (verbal, Quantitative, Non-verbal and Spatial).

The yellow band in the middle, represents the 'average' results for a student of the same age across Ireland.

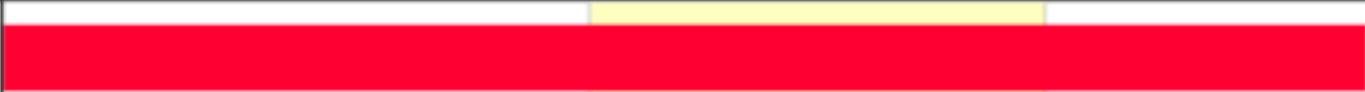


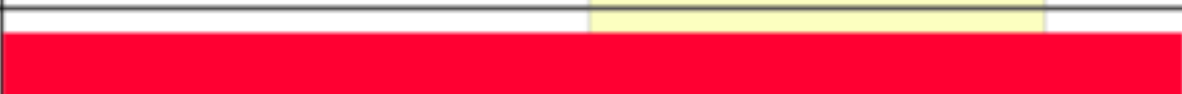
For this student's profile, they are above average in both verbal and spatial reasoning. They are within the average range for Quantitative and Non-verbal.

Keep in mind your report is personal to you and you can identify where you're learning strengths lie.

The Graph outlining your results



A bar graph like the one below will be provided, giving the results of student's potential to learn in the 4 areas (verbal, Quantitative, Non-verbal and Spatial).

Verbal	
Quantitative	
Non-verbal	
Spatial	



Matching Learning areas with Subjects

Learning Area	Leaving Cert Subjects that compliment this area
Verbal: Learning with words	English, Languages, History, Religion, Geography, Home Economics, Business, Biology
Quantitative: Learning with numbers	Maths, Accountancy, Physics, Economics, Business
Non-verbal: Learning with shapes and patterns	Chemistry, Physics, Biology, Business, Music, PE, Business
Spatial: Learning with shape and 3-dimensional space	Construction, Art, TCG, Engineering, PE, Chemistry

- Some subjects overlap with more than one learning area.

Part Two of the Report:



Summary:

The summary will identify areas of strengths and areas that may require additional work.

The summary will give recommendations on how to improve in the different areas of learning.

Part Three of the Report:



Indicators for Leaving Cert:

- ▶ This will give a prediction of grades at leaving cert in different subjects based on the results of the CAT4 test.
- ▶ The grades are what the student is potentially capable of achieving in different leaving cert subjects.
- ▶ Other important factors such as Motivation and Effort will play a role in students achieving these results and reaching their learning potential



Indicators for Leaving Certificate

Subject	Most likely grade achieved	'If challenged' grade achieved	Leaving Certificate									
			O5 or lower	O4	O3	H6/O2	H5/O1	H4	H3	H2	H1	
Biology	H2	H1									■	■
Business	H2	H1									■	■
English	H2	H1									■	■
Geography	H2	H1									■	■
History	H2	H1									■	■
Home Economics	H2	H1									■	■
Art	H3	H2								■	■	
Chemistry	H3	H2								■	■	
Construction Studies	H3	H2								■	■	
French	H3	H2								■	■	
Irish	H3	H2								■	■	
Physics	H4	H3							■	■		
Maths	H5/O1	H4						■	■			

The Blue colour represents the grade most likely to achieve

The Orange colour represents the grade that could be achieved if the students is making their best effort.

Remember the Criteria for Subject Choice Selections:



- ▶ **APTITUDE / ABILITY** – how do I perform
- ▶ **INTEREST** – start with my favourites
- ▶ **NECESSITY** – necessity for goals
- ▶ **USEFULNESS** – compatible with goals