



Understanding the CAT4 assessment and reports

What is CAT4?

CAT4: Cognitive Abilities Test Fourth Edition

CAT4 assesses a student's abilities across four different reasoning batteries:

- Verbal reasoning – thinking with words
- Quantitative reasoning – thinking with numbers
- Non-Verbal reasoning – thinking with shape
- Spatial reasoning – thinking with space and shape

It is important to note that this is an assessment of ability and not attainment

What is CAT4 used for?

- Identifying academic potential
- Understanding how a student thinks
- Determining where further support may be necessary
- Highlighting any possible barriers to learning
- Setting targets
- Providing feedback to the teacher, to the student and to the parent

Understanding the Reports

Examples:


The yellow band highlights where the "average" scores lie.

verbal	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
quantitative	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Non- verbal	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
spatial	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>

This student has scored above average in every battery. This tells us that this student is highly able across all four reasoning skills.


verbal	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
quantitative	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Non- verbal	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
spatial	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>

Evenly balanced profile and this means that student can learn in a number of different ways.



verbal	<div><div></div></div>	<div><div></div></div>	
quantitative	<div><div></div></div>	<div><div></div></div>	
Non- verbal	<div><div></div></div>	<div><div></div></div>	
spatial	<div><div></div></div>	<div><div></div></div>	

The student has a preference for learning that uses visual images-pictures, diagrams, moving images, etc



verbal	<div><div></div></div>	<div><div></div></div>	
quantitative	<div><div></div></div>	<div><div></div></div>	
Non- verbal	<div><div></div></div>	<div><div></div></div>	
spatial	<div><div></div></div>	<div><div></div></div>	

The student's profile of scores from CAT4 shows a marked preference for learning through reading, writing and talking about topics.


The indicators provide the statistical probabilities of achieving different grades in different subjects.

You can see the “most likely” grades in the first column and the “if challenged” grades in the next column.

The bar chart in the last column represents the statistical probabilities in a visual format.

This is an example of Indicators at CBSE level

Indicators for CBSE Class X



subject	Most likely grade achieved	If challenged' grade achieved	Class X grade				
			C1 or lower	B2	B1	A2	A1
English Communicative	B1/A2	A2			<div><div></div></div>	<div><div></div></div>	
Hindi	B2/A2	A2			<div><div></div></div>	<div><div></div></div>	
Social Science	B1/A2	A2			<div><div></div></div>	<div><div></div></div>	
science	B1	A2			<div><div></div></div>	<div><div></div></div>	
Mathematics	B2/B1	B1		<div><div></div></div>	<div><div></div></div>		

subject	Most likely grade achieved	If challenged' grade achieved	Class XII grade				
			C1 or lower	B2	B1	A2	A1
Chemistry	B1	A2					
English	B1	A2					
Physics	B1	A2					
Biology	B2/B1	B1					
Economics	B2/B1	B1					
Mathematics	B2/B1	B1					
Accountancy	B2	B1					

Why use CAT4?

- To understand an individual's underlying ability and how this can be recognized and built upon to ensure that a student achieves his or her potential.
- To determine attainment and can be built upon and developed to improve outcomes
- Identifying students at risk of underachievement and gifted and talented
- Indicators for CBSE Grade X and XII

Role of Parents

- Go through your ward's report and understand the profile and suggestions to improve attainment.
- To see your child's strengths and areas for improvement.
- To understand how your child learns.
- With useful suggestions, offer support at home