CLASS ASSESSMENT REPORT

Class: 4   Section: A

Number of Students: 17

Month of Assessment: September 2017

About this report

The students of this class were assessed by Gray Matters in English, Mathematics & Logical Reasoning to find their ability in each of these subjects and the student's performance is reported on the Indian Progressive Achievement Scales (IPAS). The test papers used for the assessment are developed by our partner, the Australian Council for Educational Research(ACER), an internationally renowned educational research body.
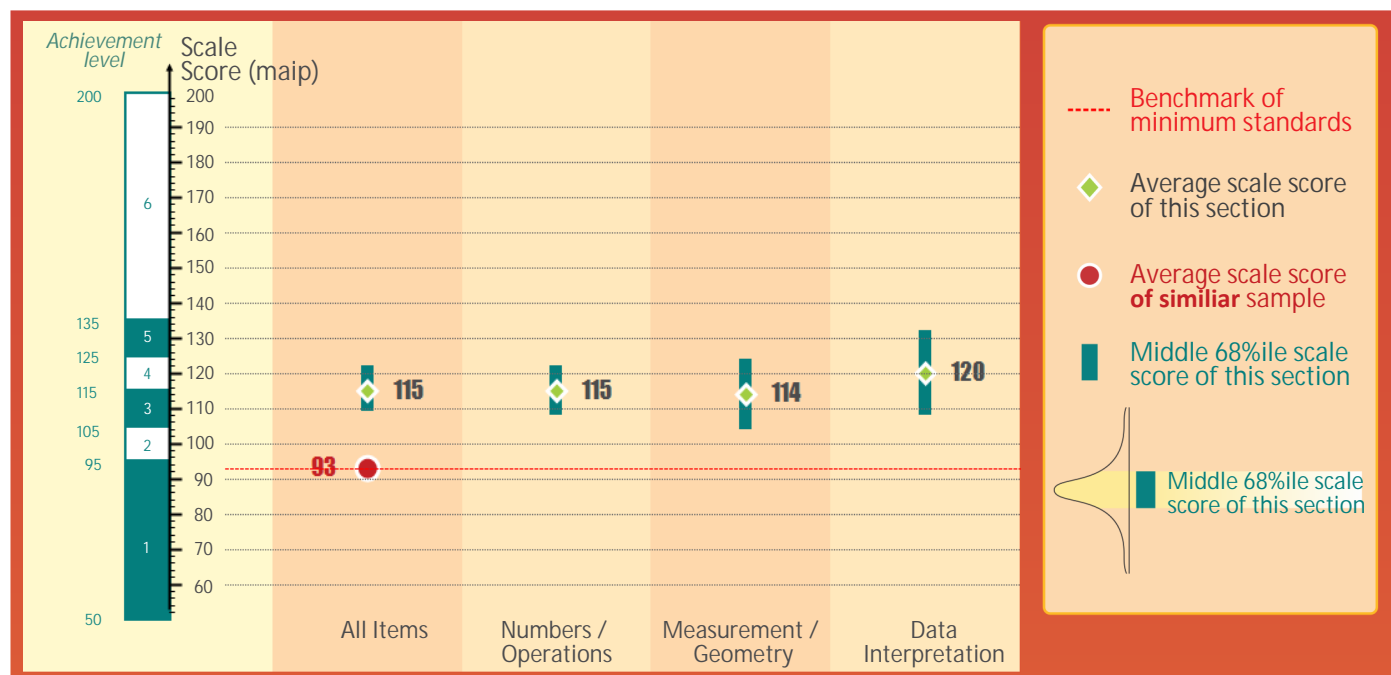
About Gray Matters

Gray Matters is a school assessment and accreditation organization that works towards school improvement. Gray Matters assesses a school on various parameters including student learning outcome, parent satisfaction, teaching quality, school management and learning infrastructure. Our goal is to help schools work towards improving learning outcome of students.

Please visit www.graymatters.in for more information.

ACER

MATHEMATICS - Section 4A

The graph below shows the performance of this class as compared to SQEP sample in the entire test and across the three strands. In the table below, the student names are listed based on overall performance and performance against the benchmark of minimum standards.

Legend:
- ----- Benchmark of minimum standards
- ◆ Average scale score of this section
- ● Average scale score **of similiar** sample
- ▮ Middle 68%ile scale score of this section
- Middle 68%ile scale score of this section

Graph values:
- All Items: 115
- Numbers / Operations: 115
- Measurement / Geometry: 114
- Data Interpretation: 120
- Benchmark: 93

Overall Performance

[HIGH]	AMAN KUMAR .	JATIN .	RUCHI BHARATHI .
[MEDIUM]	AMIT KUMAR . NIHAL KUMAR . SAROJ . SOURABH .	BHUWNA NAGER . NITIN RAJ . SEHWAN . SUNNY KUMAR .	KUNAL KUMAR . ROHAN . SHWETHA KUMARI .
[LOW]	DHARMVEER .	RUSTAM .	SATYAM SINGH .

Students below benchmark by topic

Numbers / Operations	Measurement / Geometry	Data Interpretation
	SATYAM SINGH .	

*Overall scale score and strand scale scores are not comparable as the scales are different
*Please note that names of students who are present on the assessment day are shown in the table above.

ACER

MATHEMATICS - Performance on items

The table shows the class performance on the items tested. The high performance items indicate that students understand these items. The focus areas are mentioned for the teacher to prioritize in the order mentioned.

S.no	Descriptor	% correct of this class	Item difficulty
👍 **High Performance Items**			
1	Read data in a pictograph	100	★
2	Read time from a digital clock	100	★
3	Identify the largest 3-digit number	100	★
4	Recognise a 3-digit number written in words	94	★
5	Solve a problem by subtracting two 2-digit numbers(Regroup)	94	★★★
6	Read the day for a given date from a monthly calendar	88	★
7	Solve a simple addition equation	88	★★
8	Recognise that '0' is not correctly represented by counters	82	★★
9	Recognise a square among other 2D shapes	82	★★
10	Find an appropriate length for a familiar object (pencil)	82	★★★
👉 **Focus Areas**		*[Priority 1]*	
11	Recognise next 3 numbers in a simple number pattern (add 2)	47	★★★
12	Order 1-digit and 2-digit numbers	47	★★
13	Identify shape that cannot be made on a geoboard	46	★★★★★
14	Find total number of shapes by extending a simple pattern	41	★★★★★
15	Identify the lowest age based on months given same year	41	★★★★
16	Recognise the 3-digit number shown on an abacus	41	★★★★
17	Follow a path using left & right turn	41	★★★★
18	Match a '−' number sentence to a simple story	41	★★★
19	Solve 'a+b=?+d' (by subtraction or by inspection)	24	★★★★★
		[Priority 2]	
20	Recognise the hundreds digit in a 3-digit number	76	★★★
21	Solve a simple problem by adding three 2-digit numbers	76	★★★
22	Identify the shape (triangle) that matches the description	71	★★
23	Find the correct description of a sharing (division) process	71	★★★★
24	Recognise correct equation for a total through a picture	65	★★★★
25	Read a simple column graph	65	★★★★★
26	Calculate total duration for activity with multiple stages	65	★★★★
27	Read a pictograph where the symbol stands for 1 unit	59	★★★★★
28	Find the appropriate unit for the mass of a familiar object	59	★★★★
29	Solve a problem through conversion of non standard units	53	★★★

ACER

Below is an explanation of the terms used in this report:

IPAS scale
This is the scale on which the performance of a student is reported. A different scale is used for each subject - English, Maths and Logical Reasoning.

Student scale score
This score represents the location on the scale corresponding to the test score achieved by a student. Location on a scale is expressed in units - English(enip), Mathematics(maip) and Logical Reasoning(gaip).

Achievement/Ability level
This is the level achieved by a student on an IPAS scale. Each level defines the achievement/abilities of a student in the respective subject.

Average scale score **of simliar sample**
This score is the average achieved by a sample of students of Government schools with private party interventions that were assessed by Gray Matters in past 2 academic years.

Average scale score of the section
This score is the average scale score secured by all the students of the section on the scale.

Middle 68%ile of scale score of the class
This is a range where the middle 68%ile scale scores of the class lie on the given scale.

Benchmark of minimum standards
This is the minimum scale score benchmark by Gray Matters for students of a class.

% correct of this class
This number represents the percentage of students in the class (of this school) who answered the question/item correctly.

Item difficulty
This is a variable that represents the location of the item on the IPAS scale and is the scale score of a particular item. The difficulty of items in tests administered for higher classes increases.

Further, a range is defined for these items across each grade and rated in the form of stars. For example: 1 star means items at a lower level for that class and 5 stars mean items of most difficulty for that class.

CLASS ASSESSMENT REPORT

Class: 3   Section: A

Number of Students: 16

Month of Assessment: September 2017

About this report

The students of this class were assessed by Gray Matters in English, Mathematics & Logical Reasoning to find their ability in each of these subjects and the student's performance is reported on the Indian Progressive Achievement Scales (IPAS). The test papers used for the assessment are developed by our partner, the Australian Council for Educational Research(ACER), an internationally renowned educational research body.

About Gray Matters

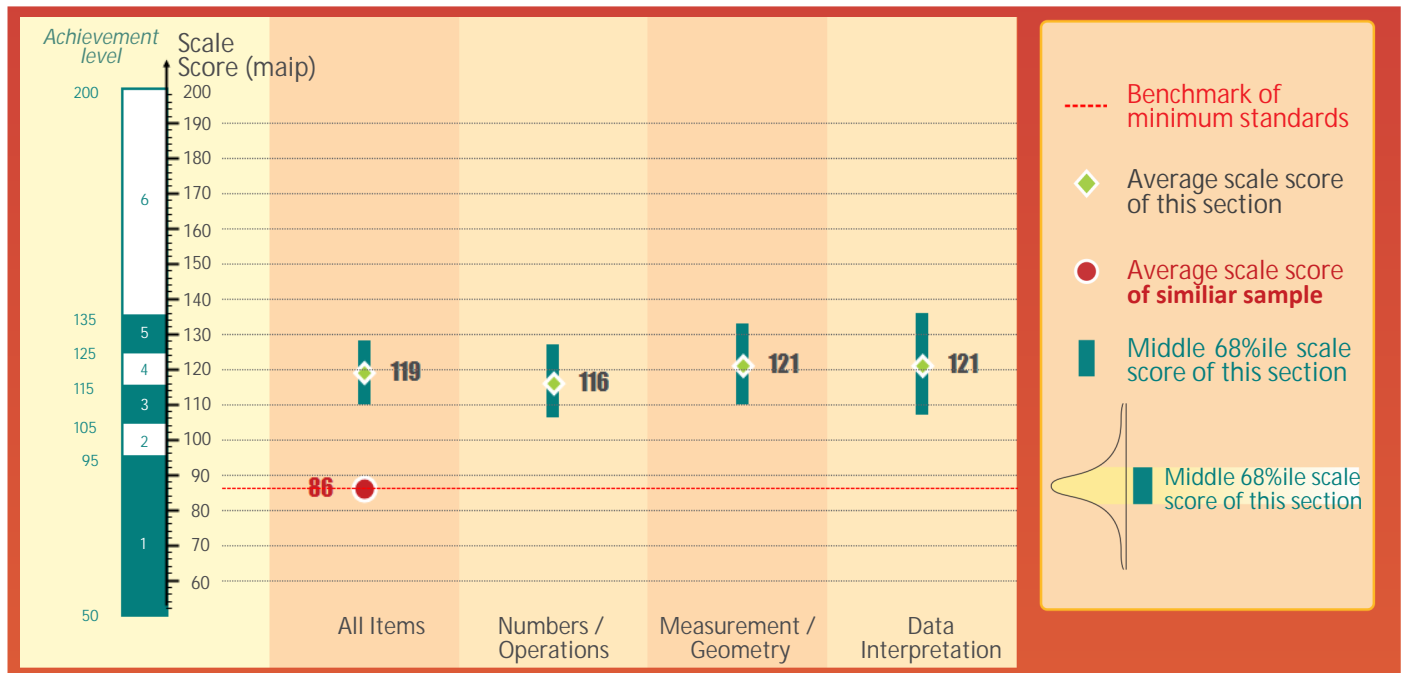Gray Matters is a school assessment and accreditation organization that works towards school improvement. Gray Matters assesses a school on various parameters including student learning outcome, parent satisfaction, teaching quality, school management and learning infrastructure. Our goal is to help schools work towards improving learning outcome of students.

Please visit www.graymatters.in for more information.

GRAYMATTERS

MATHEMATICS - Section 3A

The graph below shows the performance of this class as compared to SQEP sample in the entire test and across the three strands. In the table below, the student names are listed based on overall performance and performance against the benchmark of minimum standards.

Achievement level

Scale Score (maip)

	All Items	Numbers / Operations	Measurement / Geometry	Data Interpretation
	119	116	121	121
86				

- - - - Benchmark of minimum standards

◆ Average scale score of this section

● Average scale score **of similiar sample**

▮ Middle 68%ile scale score of this section

▮ Middle 68%ile scale score of this section

Overall Performance

[HIGH]	AAYUSH MISHRA .	HUSSAIN ALI .	ISON .
[MEDIUM]	ABHISHEK . GINU DIXIT . KUNAL RAJ . SUNIL .	AKSHAY KUMAR . JANVI . MANOJ CHAND .	BHOOVI . JYOTHI . SHIVANI .
[LOW]	KARTHIK .	KRISHNA .	MANISHA .

Students below benchmark by topic

Numbers / Operations	Measurement / Geometry	Data Interpretation

*Overall scale score and strand scale scores are not comparable as the scales are different
*Please note that names of students who are present on the assessment day are shown in the table above.

ACER

MATHEMATICS - Performance on items

The table shows the class performance on the items tested. The high performance items indicate that students understand these items. The focus areas are mentioned for the teacher to prioritize in the order mentioned.

S.no	Descriptor	% correct of this class	Item difficulty
👍 **High Performance Items**			
1	Identify the longest among objects placed side-by-side	100	★
2	Recognise a 2-digit number written in words	100	★
3	Identify complete shape from a partially traced object	100	★
4	Recognise a triangle among other 2D shapes	100	★
5	Add three 1-digit numbers	100	★★
6	Match a '+' number sentence to a picture	100	★★
7	Recognise a 2-digit number written in words	94	★
8	Solve a simple addition given in words and a picture	94	★★
9	Recognise a 3-digit number written in words	94	★★
10	Recognise a cube among other 3D objects	94	★★★★
👉 **Focus Areas** *[Priority 1]*			
11	Calculate number of mugs required to fill half a container	75	★★★★★
12	Recognise information in a pictograph	75	★★★
13	Add two 1-digit numbers	75	★
14	Find the missing value in a data table	69	★★★★
15	Identify the shape with curved sides only	63	★★★
16	Recognise that half is doubled to make a whole	56	★★★★
17	Subtract two 1-digit numbers to solve an amount of money	50	★★★★
18	Find the difference between 2 data values in a table	50	★★★★★
19	subtract a 2-digit number from a 3-digit number	38	★★★
20	Recognise a square among other 2D shapes	38	★★★★
[Priority 2]			
21	Recognise the expression that matches a given picture	88	★★★★
22	Identify the next stage in the life cycle of a butterfly	88	★★★
23	Calculate change from Re1	88	★★★★★
24	Add three small 1-digit and 2-digit numbers	88	★★
25	Use 'Just After' & recognize a 2 digit number in word form	88	★★
26	Solve a + ? = b (2-digits)	88	★★
27	Identify a simple counting pattern	88	★★★
28	Solve the problem using ordinal numbers (first, second etc)	81	★★★
29	Read a date for a given day from a calendar month	81	★★★★★
30	Recognise the cuboid with the smallest capacity	75	★★★★★

Below is an explanation of the terms used in this report:

IPAS scale

This is the scale on which the performance of a student is reported. A different scale is used for each subject - English, Maths and Logical Reasoning.

Student scale score

This score represents the location on the scale corresponding to the test score achieved by a student. Location on a scale is expressed in units - English(enip), Mathematics(maip) and Logical Reasoning(gaip).

Achievement/Ability level

This is the level achieved by a student on an IPAS scale. Each level defines the achievement/abilities of a student in the respective subject.

Average scale score **of similiar** sample

This score is the average achieved by a sample of students of Government schools with private party interventions that were assessed by Gray Matters in past 2 academic years.

Average scale score of the section

This score is the average scale score secured by all the students of the section on the scale.

Middle 68% ile of scale score of the class

This is a range where the middle 68%ile scale scores of the class lie on the given scale.

Benchmark of minimum standards

This is the minimum scale score benchmark by Gray Matters for students of a class.

% correct of this class

This number represents the percentage of students in the class (of this school) who answered the question/item correctly.

Item difficulty

This is a variable that represents the location of the item on the IPAS scale and is the scale score of a particular item. The difficulty of items in tests administered for higher classes increases.

Further, a range is defined for these items across each grade and rated in the form of stars. For example: 1 star means items at a lower level for that class and 5 stars mean items of most difficulty for that class.

Sshrishti Learning Center, DELHI

CLASS ASSESSMENT REPORT

Class: 3   Section: B

Number of Students: 18

Month of Assessment: September 2017

About this report

The students of this class were assessed by Gray Matters in English, Mathematics & Logical Reasoning to find their ability in each of these subjects and the student's performance is reported on the Indian Progressive Achievement Scales (IPAS). The test papers used for the assessment are developed by our partner, the Australian Council for Educational Research(ACER), an internationally renowned educational research body.
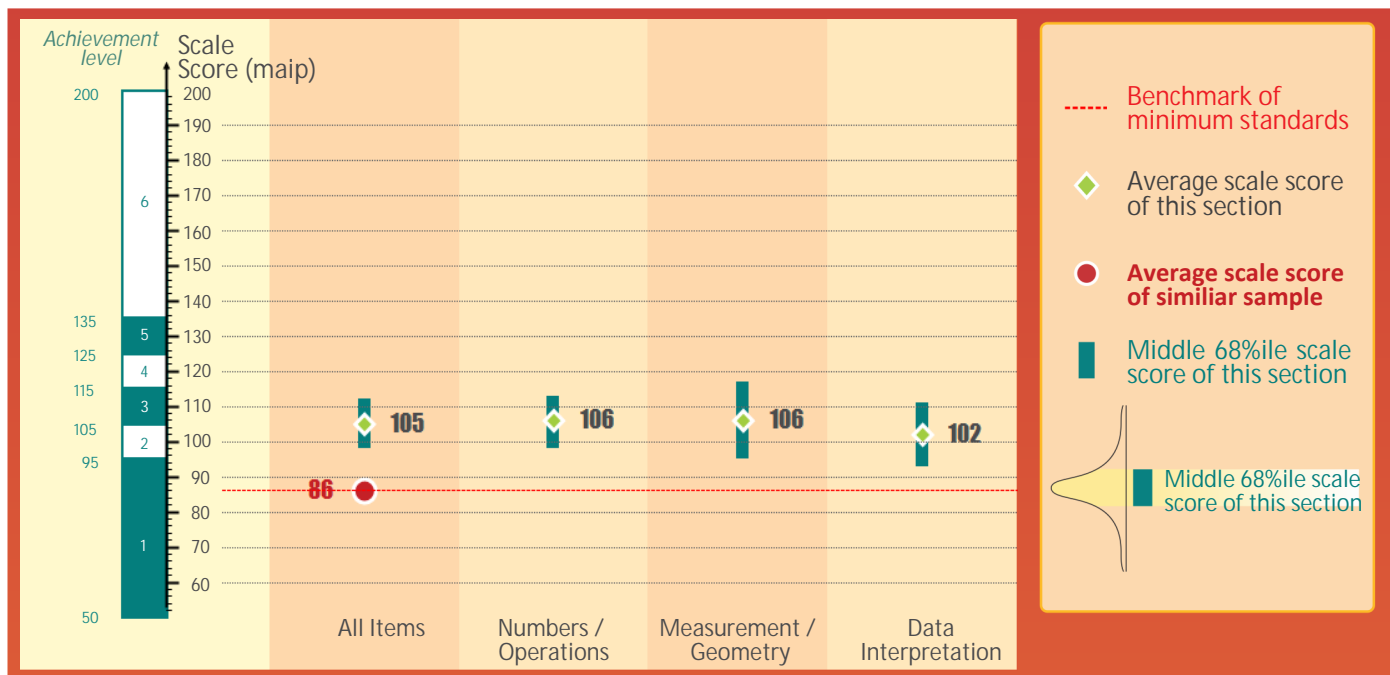
About Gray Matters

Gray Matters is a school assessment and accreditation organization that works towards school improvement. Gray Matters assesses a school on various parameters including student learning outcome, parent satisfaction, teaching quality, school management and learning infrastructure. Our goal is to help schools work towards improving learning outcome of students.

Please visit www.graymatters.in for more information.

ACER

MATHEMATICS - Section 3B

The graph below shows the performance of this class as compared to SQEP sample in the entire test and across the three strands. In the table below, the student names are listed based on overall performance and performance against the benchmark of minimum standards.

Achievement level — Scale Score (maip)

Legend:
- ----- Benchmark of minimum standards
- ◇ Average scale score of this section
- ● **Average scale score of similiar sample**
- ▮ Middle 68%ile scale score of this section
- ▮ Middle 68%ile scale score of this section

	All Items	Numbers / Operations	Measurement / Geometry	Data Interpretation
Average scale score of section	105	106	106	102
Average scale score of similiar sample	86			

Overall Performance

Level			
HIGH	PRINCE KUMAR .		
MEDIUM	AMIT KUMAR . DEEPAK . MOMIN . SAHIL . SHAHIB MALIK .	AMIT SINGH . KARISHMA KUMARI . PRASANTH . SAMEER . SHULI MOND .	ANKIT . MANSI . PRIYANSHU KUMAR . SATYAM KUMAR . SURAJ .
LOW	PRINCE SHAH .	ROHIT .	

Students below benchmark by topic

Numbers / Operations		Measurement / Geometry		Data Interpretation	
		ROHIT .			

*Overall scale score and strand scale scores are not comparable as the scales are different
*Please note that names of students who are present on the assessment day are shown in the table above.

ACER

MATHEMATICS - Performance on items

The table shows the class performance on the items tested. The high performance items indicate that students understand these items. The focus areas are mentioned for the teacher to prioritize in the order mentioned.

S.no	Descriptor	% correct of this class	Item difficulty
👍 **High Performance Items**			
1	Recognise a 2-digit number written in words	100	★
2	Identify the longest among objects placed side-by-side	100	★
3	Recognise a 2-digit number written in words	94	★
4	Match a '+' number sentence to a picture	94	★★
5	Add three small 1-digit and 2-digit numbers	89	★★
6	Recognise a triangle among other 2D shapes	89	★
7	Recognise a cube among other 3D objects	89	★★★★
8	Identify a simple counting pattern	83	★★★
9	Add two 1-digit numbers	83	★
10	Identify complete shape from a partially traced object	78	★
👉 **Focus Areas**			**[Priority 1]**
11	Recognise that half is doubled to make a whole	44	★★★★
12	Calculate change from Re1	39	★★★★★
13	Identify the shape with curved sides only	39	★★★
14	Identify the next stage in the life cycle of a butterfly	33	★★★
15	Calculate number of mugs required to fill half a container	33	★★★★★
16	subtract a 2-digit number from a 3-digit number	28	★★★
17	Read a date for a given day from a calendar month	28	★★★★★
18	Subtract two 1-digit numbers to solve an amount of money	22	★★★★
19	Find the difference between 2 data values in a table	0	★★★★★
20	Recognise the cuboid with the smallest capacity	0	★★★★★
			[Priority 2]
21	Solve the problem using ordinal numbers (first, second etc)	78	★★★
22	Add three 1-digit numbers	78	★★
23	Recognise the expression that matches a given picture	72	★★★★
24	Solve a simple addition given in words and a picture	72	★★
25	Recognise a 3-digit number written in words	72	★★
26	Find the missing value in a data table	67	★★★★
27	Solve a + ? = b (2-digits)	56	★★
28	Recognise information in a pictograph	56	★★★
29	Recognise a square among other 2D shapes	50	★★★★
30	Use 'Just After' & recognize a 2 digit number in word form	50	★★

ACER

Below is an explanation of the terms used in this report:

IPAS scale
This is the scale on which the performance of a student is reported. A different scale is used for each subject - English, Maths and Logical Reasoning.

Student scale score
This score represents the location on the scale corresponding to the test score achieved by a student. Location on a scale is expressed in units - English(enip), Mathematics(maip)

Achievement/Ability level
This is the level achieved by a student on an IPAS scale. Each level defines the achievement/abilities of a student in the respective subject.

Average scale score **of similiar sample**
This score is the average achieved by a sample of students of Government schools with private party interventions that were assessed by Gray Matters in past 2 academic years.

Average scale score of the section
This score is the average scale score secured by all the students of the section on the scale.

Middle 68%ile of scale score of the class
This is a range where the middle 68%ile scale scores of the class lie on the given scale.

Benchmark of minimum standards
This is the minimum scale score benchmark by Gray Matters for students of a class.

% correct of this class
This number represents the percentage of students in the class (of this school) who answered the question/item correctly.

Item difficulty
This is a variable that represents the location of the item on the IPAS scale and is the scale score of a particular item. The difficulty of items in tests administered for higher classes increases.

Further, a range is defined for these items across each grade and rated in the form of stars. For example: 1 star means items at a lower level for that class and 5 stars mean items of most difficulty for that class.