

3.3 DETAILED TEACHER REPORTS

The Quick Access Guide to Mindspark Teacher Interface describes in depth the three important Reports –

- ✓ The Topic wise Class Performance or The Topic Progress Report access
- ✓ Topic Remediation – Class Remediation, Student Remediation and Section Remediation
- ✓ Student-wise Report

This part describes –

- ✓ other reports made available by Mindspark for the teachers
- ✓ other features available in Mindspark

3.3.1 Teacher Reports - Accessibility to these reports is from the “Other Features” section of the Teacher Home Page (Figure 3.3.1)

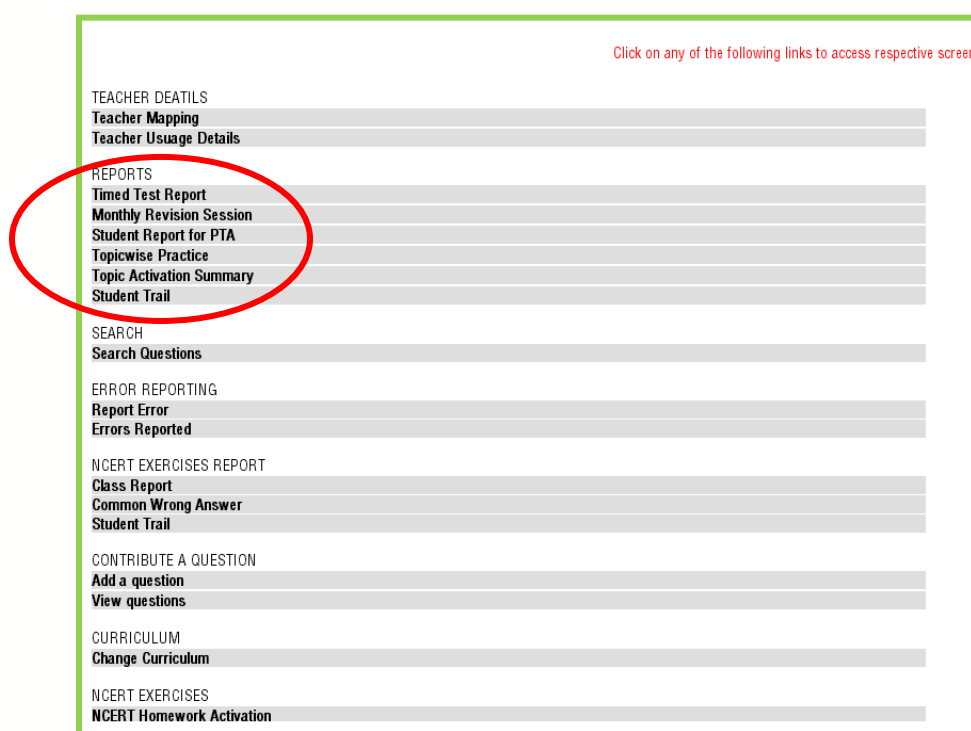


Figure 3.3.1: Other Features

3.3.1.1 Timed Test Report – The Timed Test report is significant to the teacher as it portrays a battle of wits among the students. As the number of questions in a Timed Test remains constant for all the students attempting a particular Timed Test, it assesses the procedural fluency in a student, thus exhibiting his/her understanding and application of the math concepts learnt.

Select the relevant Timed Test for a class and section to access the following reports –

- ✓ A summary report (Figure 3.3.1.1A) of the chosen Timed Test across the class and the sectional break-up with the following details –
- ✓ Average time taken in seconds by a student
- ✓ Average of percentage accuracy
- ✓ Total attempts made at a class and at a section level
- ✓ Percentage of students (at a class and at a section level) who cleared the Timed Test
- ✓ Names of the students who attempted but never cleared the Timed Test

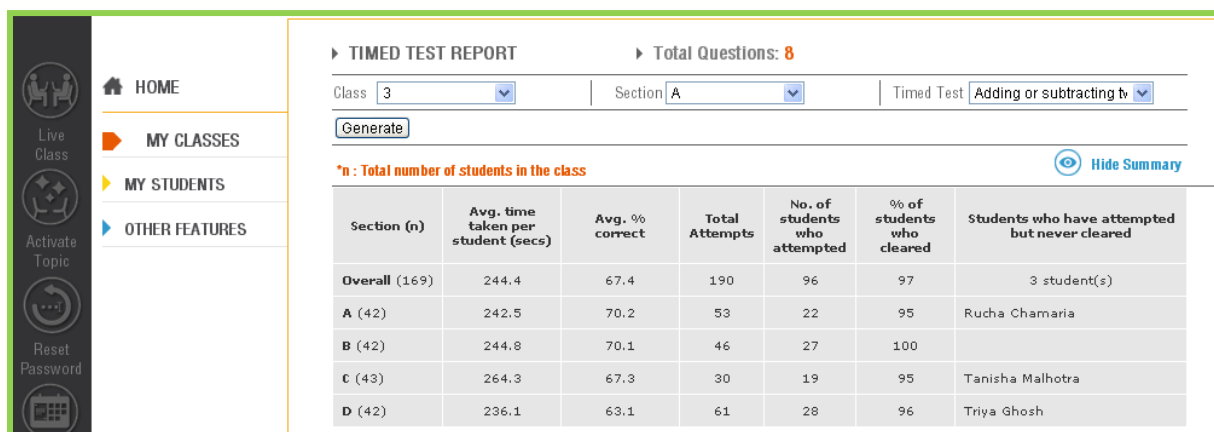


Figure 3.3.1.1A: Summary of Timed Test for a selected class, section and topic

- ✓ The detailed student wise performance report (Figure 3.3.1.1B) for the chosen Timed Test for a class and section stating the date, the session id, the number of attempts made by the student, the time taken in each of the attempts, the questions

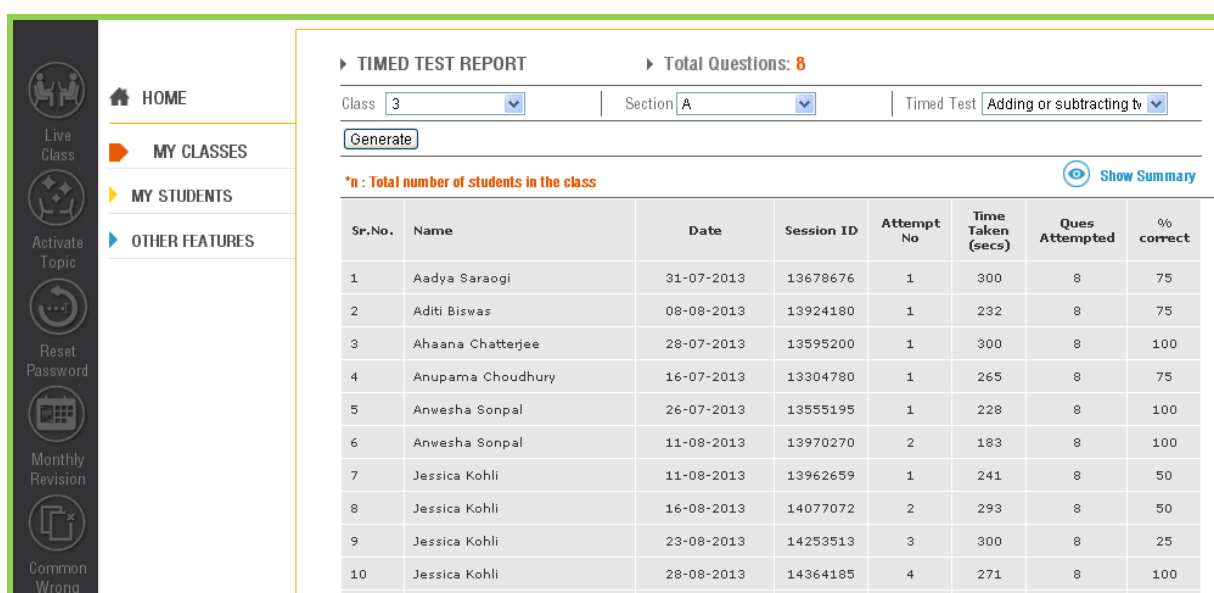


Figure 3.3.1.1B: Detailed class and section report of Timed Test in a selected topic

3.3.1.2 Monthly Revision Session – Monthly revision as the name suggests is a feature that enables the students to revise all the topics attempted in a 30 minutes session. The teacher has the option of activating a Revision session between the 25th and 30th of every month and selecting a date for making it mandatory for all the students to attempt it on the same day. The Revision session gives an opportunity to the student to re-attempt those questions which he/she failed in the regular Mindspark sessions. Therefore, the report to the teacher is at 2 levels –

- ✓ A summary report (Figure 3.3.1.2A) of all the Revision Sessions giving the Activation date, the total of the number of students who attempted the Revision session and the status of the Revision session (Active or Inactive)

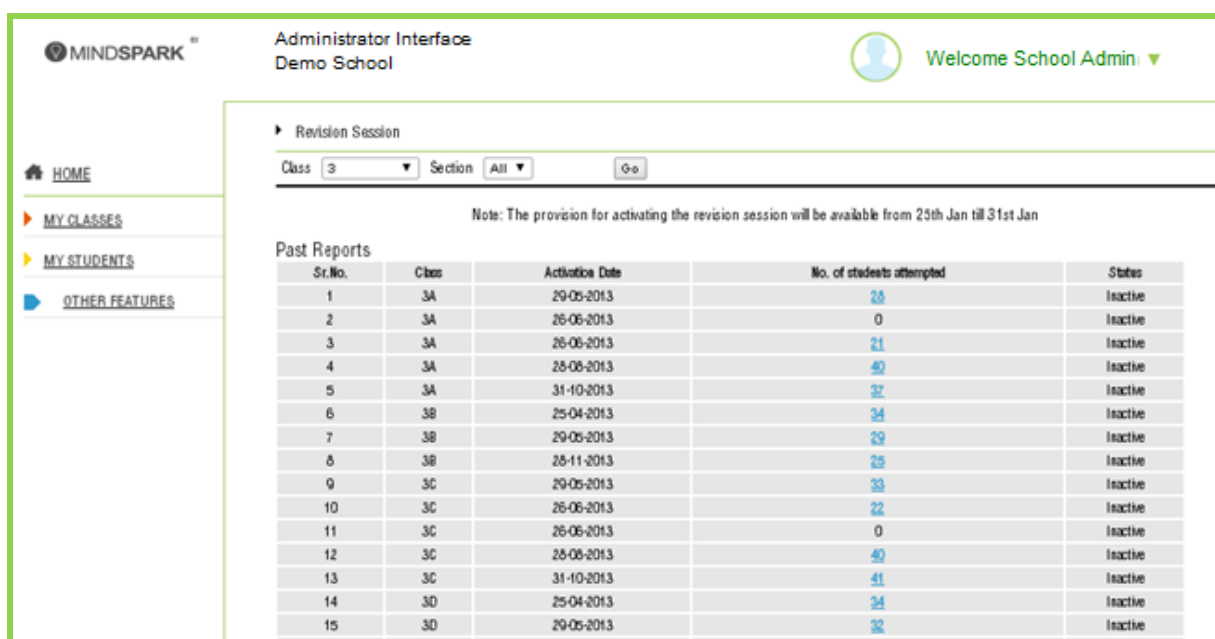


Figure 3.3.1.2A: Snapshot of the Total Monthly Revision Sessions – Class Level

- ✓ To access the detailed performance of the section for a particular revision session the teacher selects the “No. of students attempted” which gives the following data for each student of the chosen section (Figure 3.3.1.2B) –

- Total number of questions attempted
- Percentage correct
- Average time taken to answer (with the total time being 30 minutes)
- The status of the Revision Session being completed
- The list of names of the students who didn't qualify for the Revision session as they failed to complete a learning Unit
- The names of the students who failed to log-in for the revision session after it was activated.

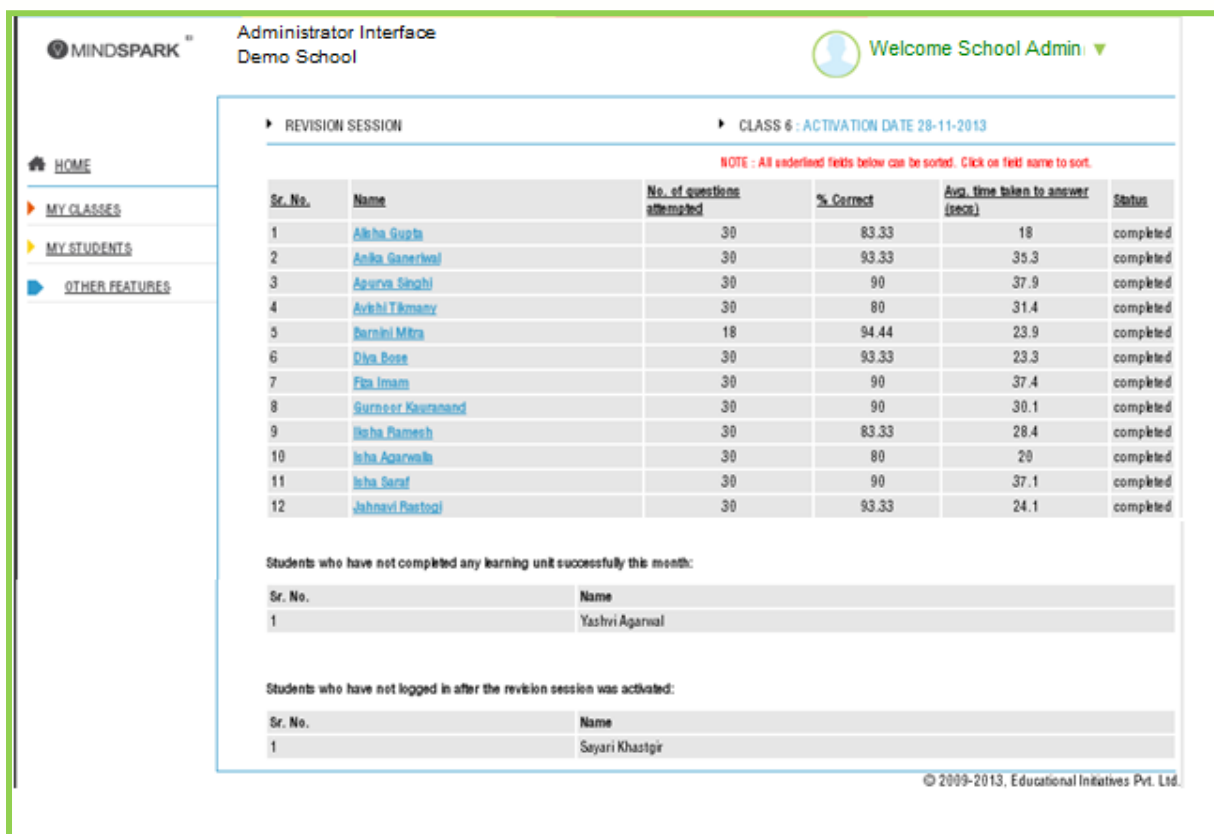


Figure 3.3.1.2B: Class Data on a Specific Monthly Revision Session

The revision module attempted by each student (unique for each student) is accessible when the student's name is selected (Figure 3.3.1.2C)

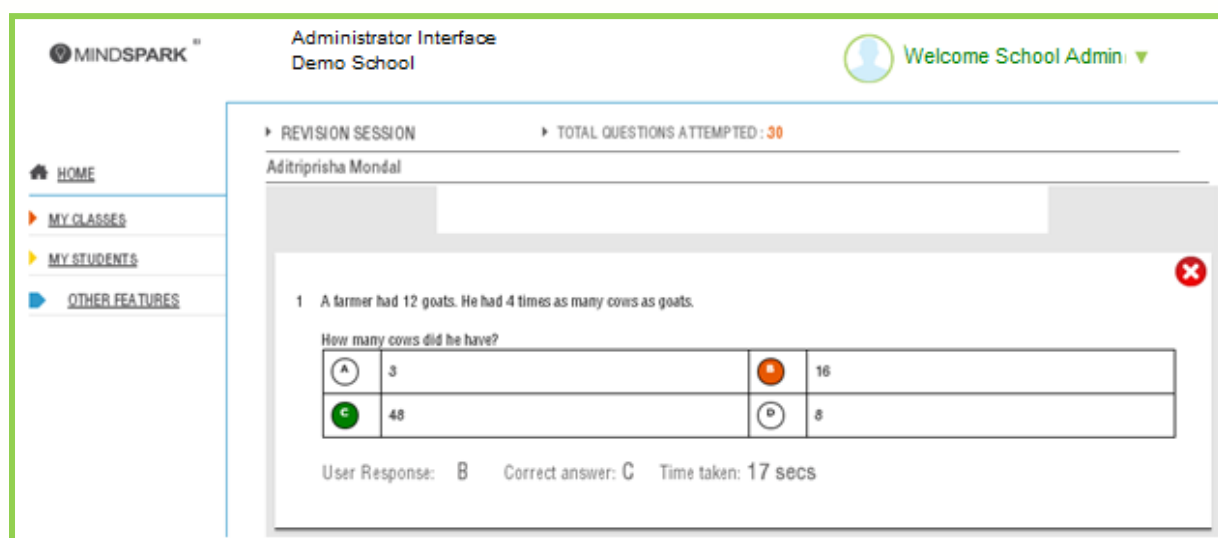
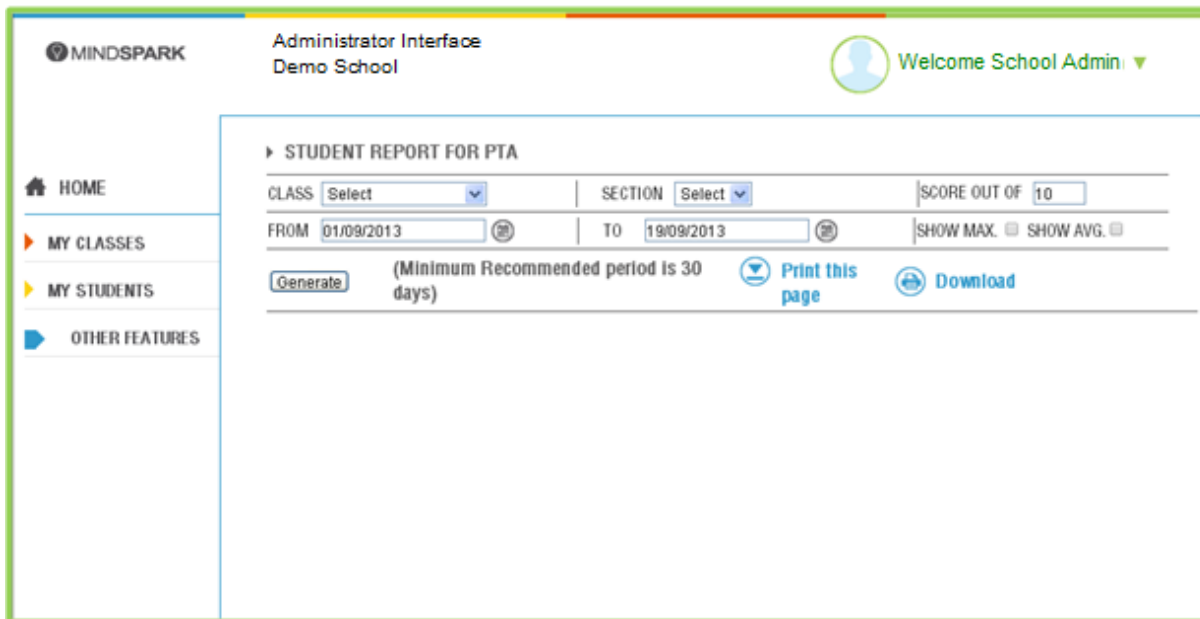


Figure 3.3.1.2C: Monthly Revision session – Student Report

The Monthly Revision Session Report at a student level tracks the question trail of each student in the Revision Session attempted

3.3.1.3 Student Report for PTA (Parent Teacher Association) (Figure 3.3.1.3.1) indicates the progress and accuracy of the learner with reference to the peer group – topic wise. It describes the Mindspark Progress Index (MPI), which is a single index calculated on the basis of the student's progress, accuracy and speed. It gives a comparative score, which denotes the current position of the student in his class (Figures 3.3.1.3.2)



The screenshot shows the MindSpark Administrator Interface for Demo School. The left sidebar contains navigation links: HOME, MY CLASSES, MY STUDENTS, and OTHER FEATURES. The main content area is titled 'STUDENT REPORT FOR PTA'. It includes a form with the following fields: CLASS (dropdown menu), SECTION (dropdown menu), SCORE OUT OF (text input with '10'), FROM (date picker set to 01/09/2013), TO (date picker set to 19/09/2013), and checkboxes for SHOW MAX and SHOW AVG. Below the form is a 'Generate' button and a note '(Minimum Recommended period is 30 days)'. At the bottom right of the form are links for 'Print this page' and 'Download'.

Figure 3.3.1.3.1: Student report for PTA

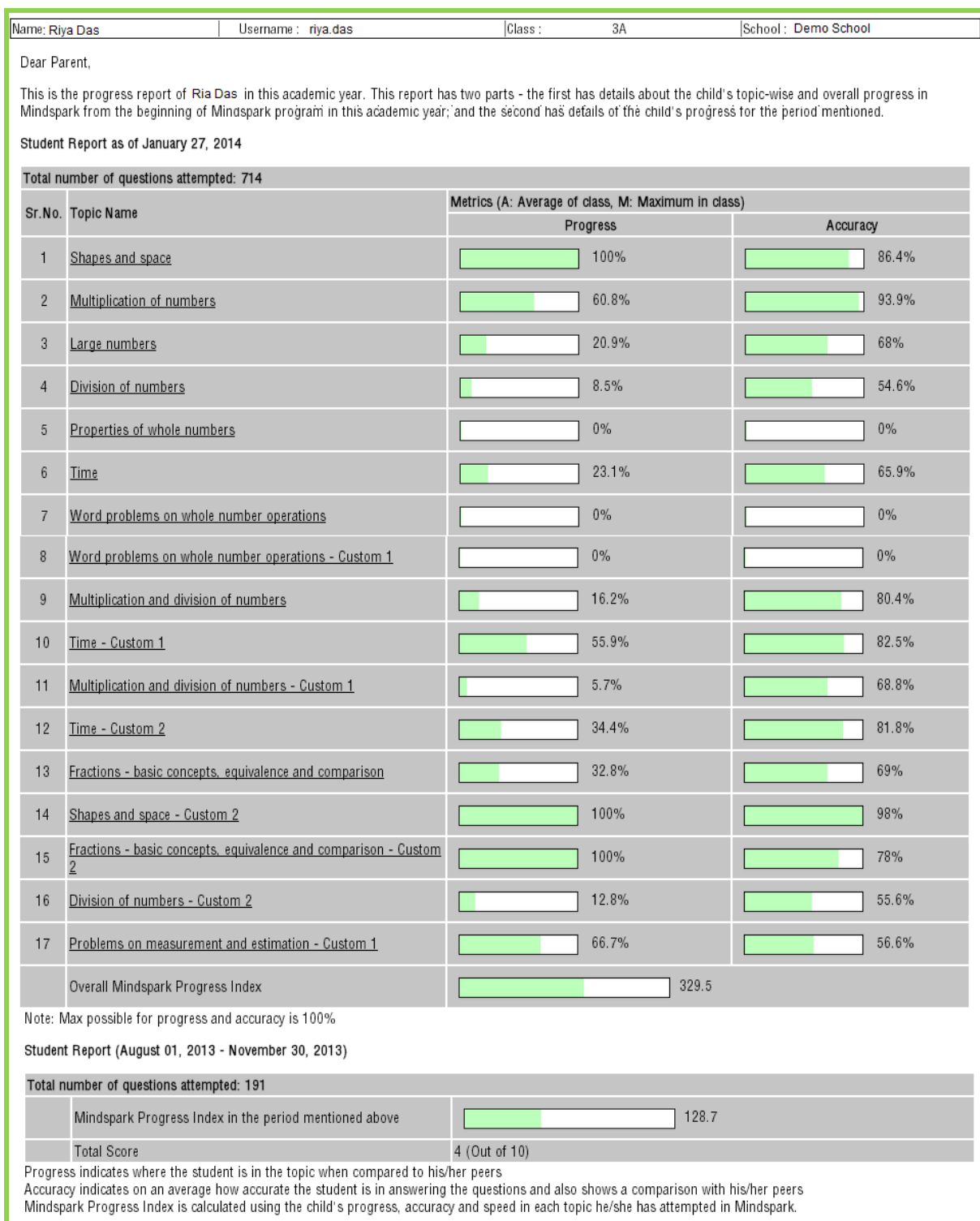
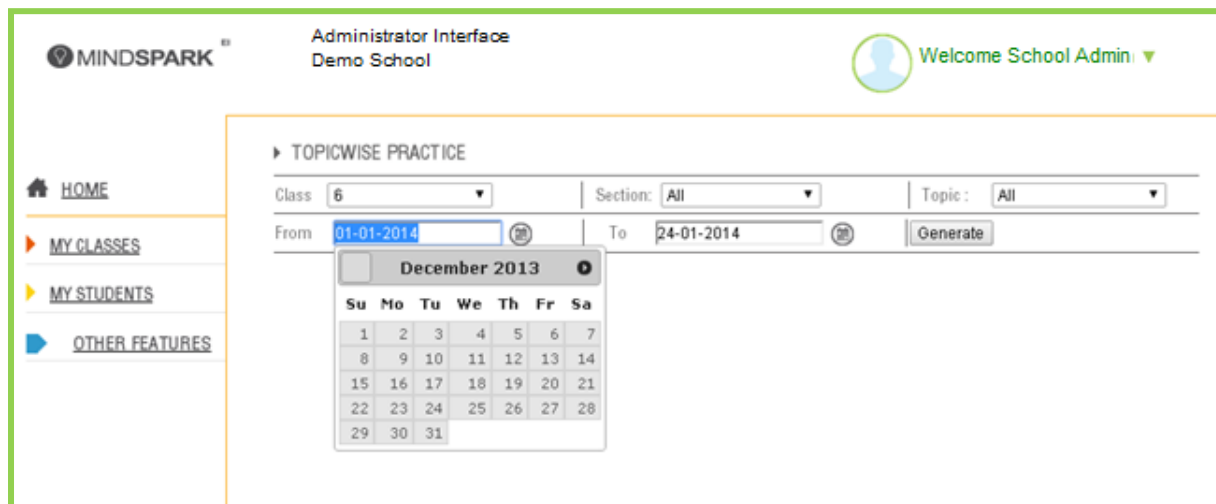


Figure 3.3.1.3.2: Sample Student report for PTA

3.3.1.4 Topic-wise Practice Report - The student has access to “Practice” on Topic activated by the teacher. This Practice Session (available to the student after normal school hours) primarily acts as a quick revision for the student typically before a class test or examination. The report of the practice sessions can be accessed by the teacher by filling in the class, section and Topic details for a chosen time period (by default the report displays the last 7 days data if a specific time period is not selected) (Figure 3.3.1.4.1 and Figure 3.3.1.4.2)



Administrator Interface
Demo School

Welcome School Admin

TOPICWISE PRACTICE

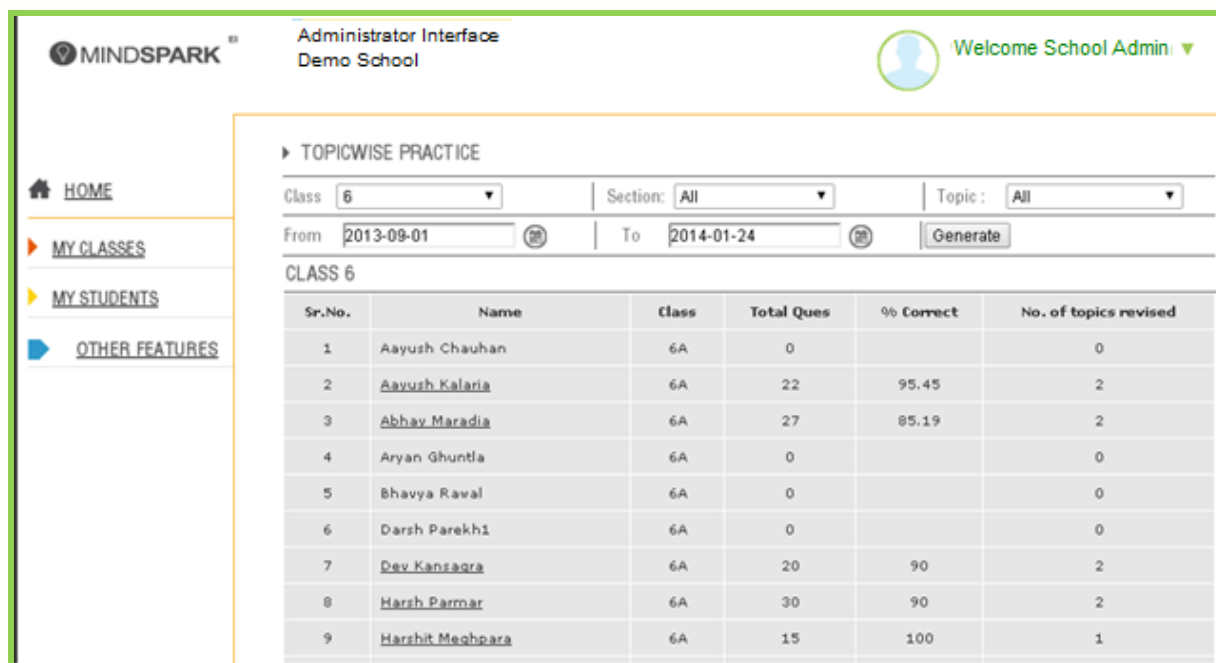
Class: 6 Section: All Topic: All

From: 01-01-2014 To: 24-01-2014 Generate

December 2013

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Figure 3.3.1.4.1: Generate Topic-wise Practice Report



Administrator Interface
Demo School

Welcome School Admin

TOPICWISE PRACTICE

Class: 6 Section: All Topic: All

From: 2013-09-01 To: 2014-01-24 Generate

CLASS 6

Sr.No.	Name	Class	Total Ques	% Correct	No. of topics revised
1	Aayush Chauhan	6A	0		0
2	Aayush Kalaria	6A	22	95.45	2
3	Abhay Maradia	6A	27	85.19	2
4	Aryan Ghuntia	6A	0		0
5	Bhavya Raval	6A	0		0
6	Darsh Parekh1	6A	0		0
7	Dev Kansagra	6A	20	90	2
8	Harsh Parmar	6A	30	90	2
9	Harshit Meghpara	6A	15	100	1

Figure 3.3.1.4.2: Topic-wise Practice Report – Class level

Each student name is a hyperlink which when selected gives the following data (Figure 3.3.1.4.3)–

- The date on which the student attempted the practice session
- The topic in which the practice session was attempted
- Total questions attempted by the student in the practice session (in the topic)
- Percentage accuracy of the questions answered
- The average time taken to answer each question

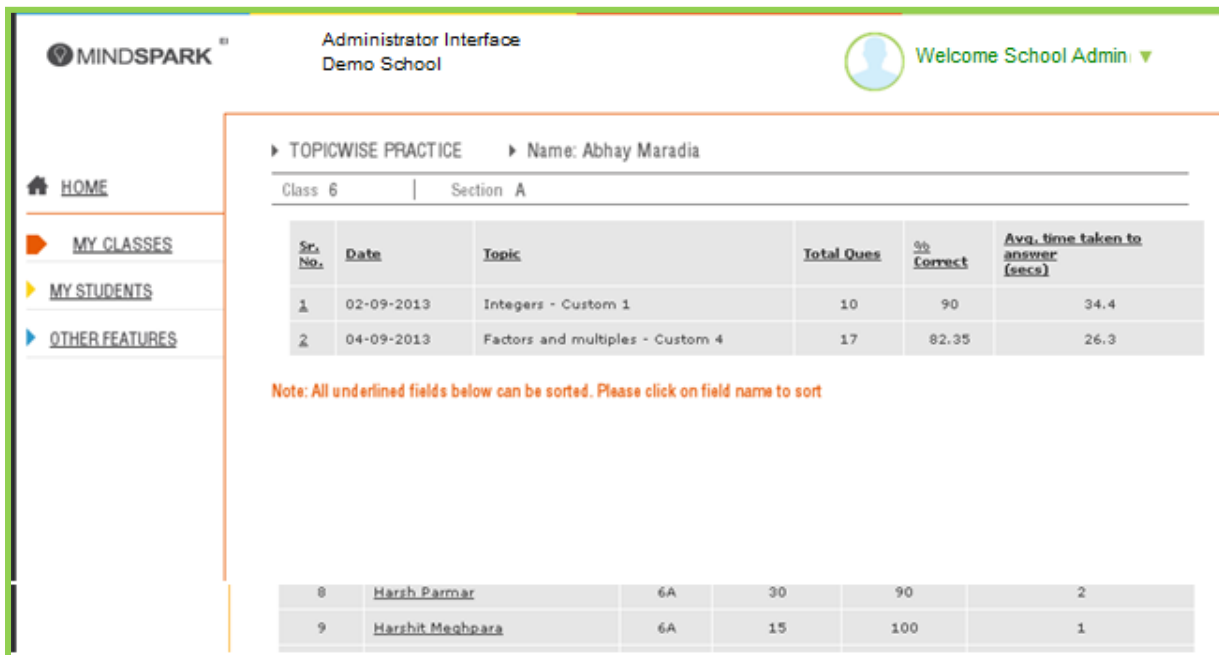


Figure 3.3.1.4.3: Topic-wise Practice Session Report – Student Report

3.3.1.5 – Topic Activation Summary report– The Topic Activation Summary displays the activation history for a selected class and includes topic activation across all the sections of the class (Figure 3.3.1.5A & Figure 3.3.1.5B)

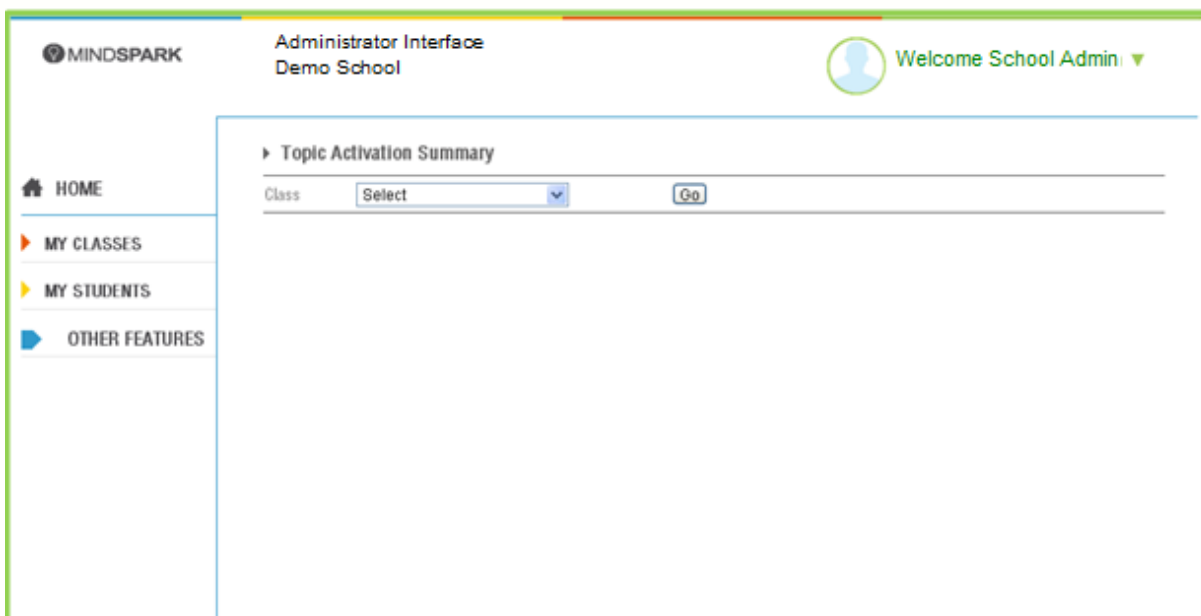


Figure 3.3.1.5A: Access to Topic Activation Summary Report

HOME

MY CLASSES

MY STUDENTS

OTHER FEATURES

Topic Activation Summary

Class

3

Go

	Topic	3A	3B	3C	3D
Algebra	Formulae				
Fractions and Decimals	Fractions - basic concepts, equivalence and comparison				
Geometry	Shapes and space				
	Point, lines and planes				
Measurement	Length				
	Money				
	Time				
	Mass and capacity				
	Problems on measurement and estimation				
	Word problems on whole number operations				
	Subtraction upto 20				
	Subtraction upto 999 (with regrouping) - Custom 1				
	Multiplication of numbers - Custom 4				

Figure 3.3.1.5B: Topic Activation Summary

Note: To get the Activation and Deactivation Dates position the cursor over the relevant class

3.3.1.6 Student Trail (Figure 3.3.1.6A & Figure 3.3.1.6B) – Generates for the teacher to view question trail of a student

- in the Topics attempted during regular Mindspark sessions
- in solving the NCERT exercises activated by the teacher

HOME MY CLASSES MY STUDENTS OTHER FEATURES	Student Trails		Total Questions Done :	Percentage correct :	
	CHILD'S NAME	<input type="text" value="Ishi"/>	Go		
		Aishl Banerjee (4C) Aishl Biswas (5A) Aishika Maitra (5B) Aishika Sinha (6B) v			

Figure 3.3.1.6A: Select a student to generate the Student Trail report

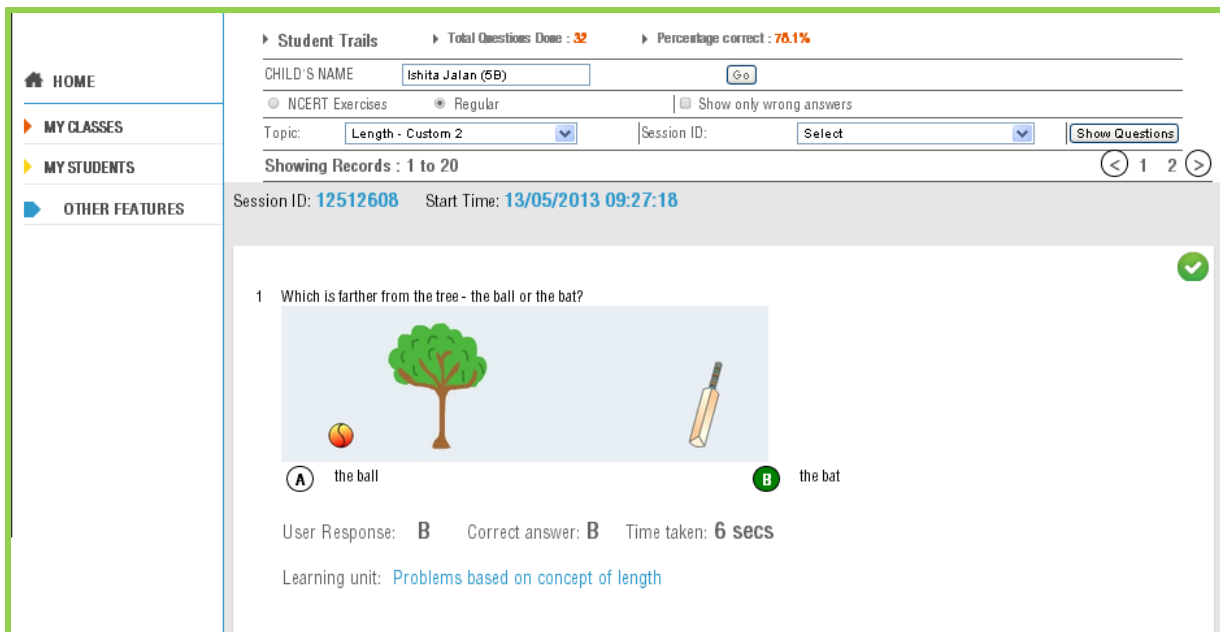


Figure 3.3.1.6B: Student Trail Report for a selected topic

3.3.1.7 NCERT Exercises Report – NCERT Exercises (available from class 6 onwards) are made available to the students as Home work Assignments only if activated by the Teacher. The reports available are

- NCERT Class Report
- Common Wrong Answers
- Student Trails

The **NCERT Class Report** (Figure 3.3.1.7.1) is available for every NCERT exercise activated by the teacher and the generated report gives the following information for each of the student -

- ✓ The number of questions attempted by the student
- ✓ Percentage accuracy of the questions answered
- ✓ Submission status of the NCERT exercise activated

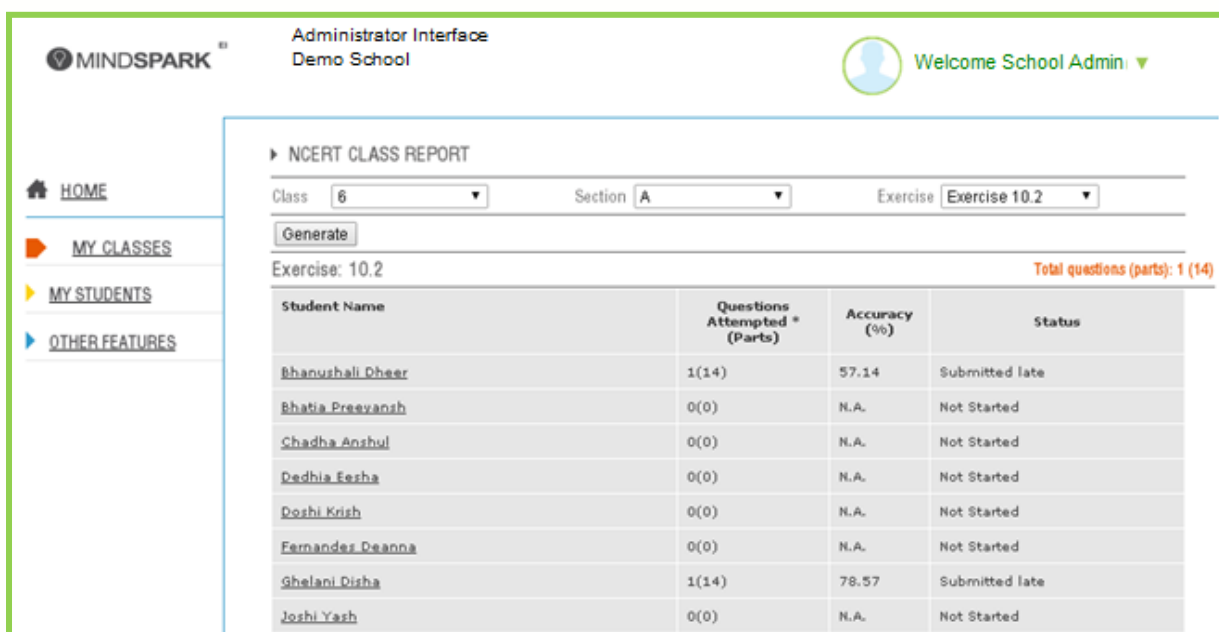
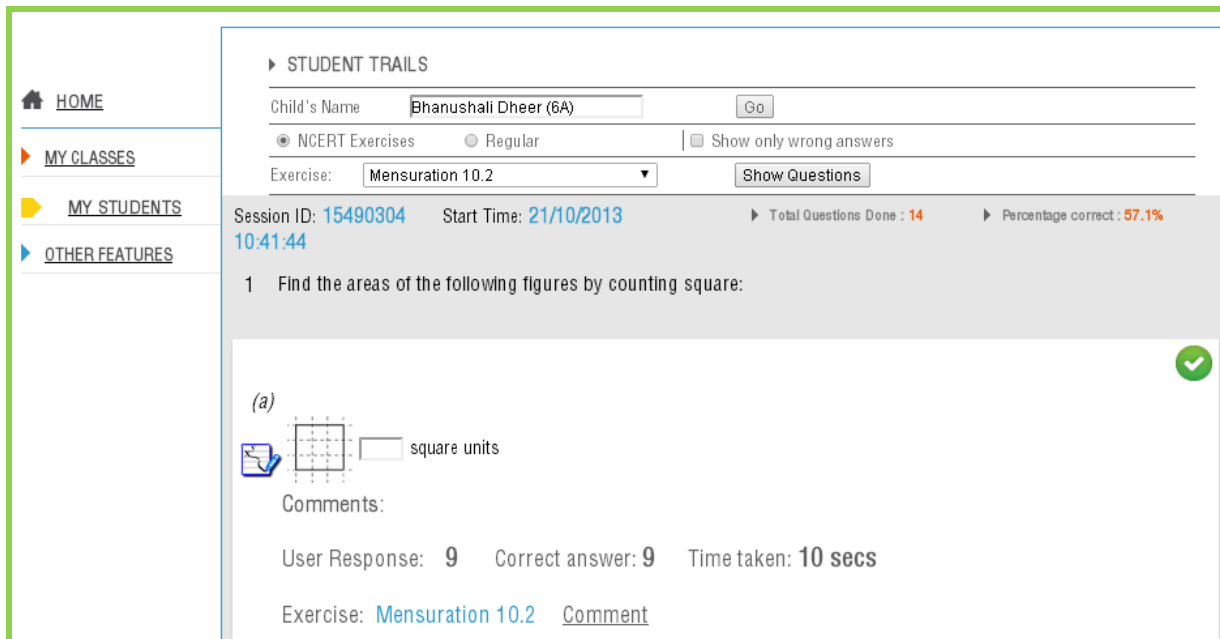


Figure 3.3.1.7.1: NCERT Class Report

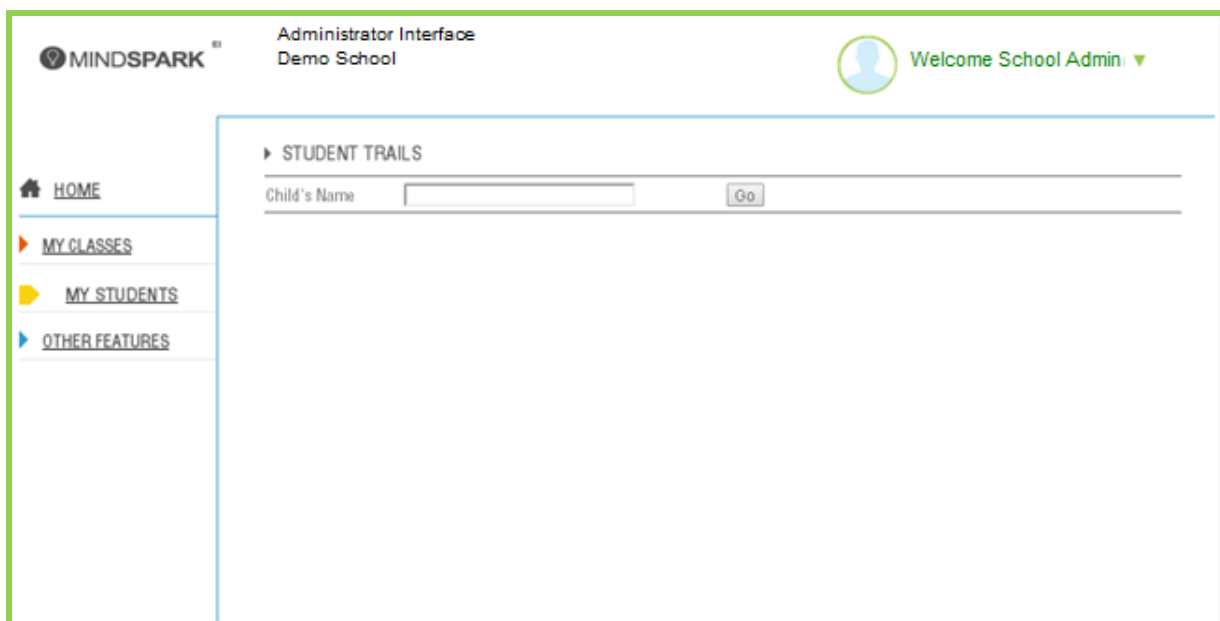
The teacher is able to view individual student trails by selecting a specific student name, if the student has attempted and submitted the exercise (Figure 3.3.1.7.2) –



The screenshot shows the 'STUDENT TRAILS' section for a student named Bhanushali Dheer (6A). The interface includes a sidebar with navigation links: HOME, MY CLASSES, MY STUDENTS (highlighted), and OTHER FEATURES. The main content area displays the student's name in a search bar with a 'Go' button. Below this, there are radio buttons for 'NCERT Exercises' (selected) and 'Regular', and a checkbox for 'Show only wrong answers'. The 'Exercise' dropdown is set to 'Mensuration 10.2', with a 'Show Questions' button. A summary bar shows 'Session ID: 15490304', 'Start Time: 21/10/2013 10:41:44', 'Total Questions Done: 14', and 'Percentage correct: 57.1%'. The first question is: 'Find the areas of the following figures by counting square:'. Below this, part (a) shows a 3x3 grid of squares with a 2x2 square inside it. A text input field contains the number '9', followed by 'square units'. A green checkmark icon is in the top right corner. Below the question, there is a 'Comments:' section, 'User Response: 9', 'Correct answer: 9', and 'Time taken: 10 secs'. At the bottom, there is a link to 'Exercise: Mensuration 10.2' and a 'Comment' link.

Figure 3.3.1.7.2: Student Trail (NCERT Exercise)

Individual **NCERT Student Trail** on specific exercises is also generated when the teacher selects NCERT Student Trail in the section NCERT Exercises (Figure 3.3.1.7.3)



The screenshot shows the 'STUDENT TRAILS' section for NCERT exercises. The top header includes the MINDSPARK logo, 'Administrator Interface', 'Demo School', and a user profile with the text 'Welcome School Admin'. The sidebar on the left has navigation links: HOME, MY CLASSES, MY STUDENTS (highlighted), and OTHER FEATURES. The main content area has a search bar for 'Child's Name' with a 'Go' button. Below the search bar, there is a large empty space for displaying the student trail.

Figure 3.3.1.7.3: NCERT Student Trail

NCERT Common Wrong Answer report generated based on the exercises submitted by the students helps the teacher to track common learning gaps at a class level (Figure 3.3.1.7.4).

The screenshot displays the MindSpark Administrator Interface for Demo School. The left sidebar contains navigation links: HOME, MY CLASSES, MY STUDENTS, and OTHER FEATURES. The main content area is titled 'NCERT COMMON WRONG ANSWERS'. It includes filters for Class (6), Section (A), and Exercise (Exercise 10.2), along with a 'Generate' button. The central panel shows a question: 'Find the areas of the following figures by counting square:' followed by a 3x3 grid of squares. Below the grid, it says 'square units' and 'Answer: 9'. At the bottom, statistics are shown: 'Distinct Students : 5', 'Correct Attempts : 46', and '% correct: 65.71%'. A 'Next >' link is visible in the bottom right corner.

Figure 3.3.1.7.4: NCERT Common Wrong Answer

3.3.2 OTHER FEATURES

3.3.2.1 Search A Question – A teacher can access a question on any Topic by filling in the Session ID and question number (Figure 3.3.2.1).

The screenshot displays the MindSpark Administrator Interface for Demo School, specifically the 'Search Question' section. The left sidebar is identical to the previous figure. The main content area has a title 'Search Question'. It contains two input fields: 'SESSION' with the value '14726153' and 'QUESTION NUMBER' with the value '1'. Below these fields is a blue 'Search' button. The rest of the page is currently blank.

Figure 3.3.2.1: Search a Question

3.3.2.2 – Error Reporting – This enables a Teacher to log an Error related to a question encountered by the students (if any) while working on Mindspark. To report an Error on the Report Error page the Teacher has to select the name of the student who encountered the error (Figure 3.3.2.2A). Mindspark displays the last 20 questions attempted by the selected student and the teacher, then, to report the error selects the question and submits her comments.

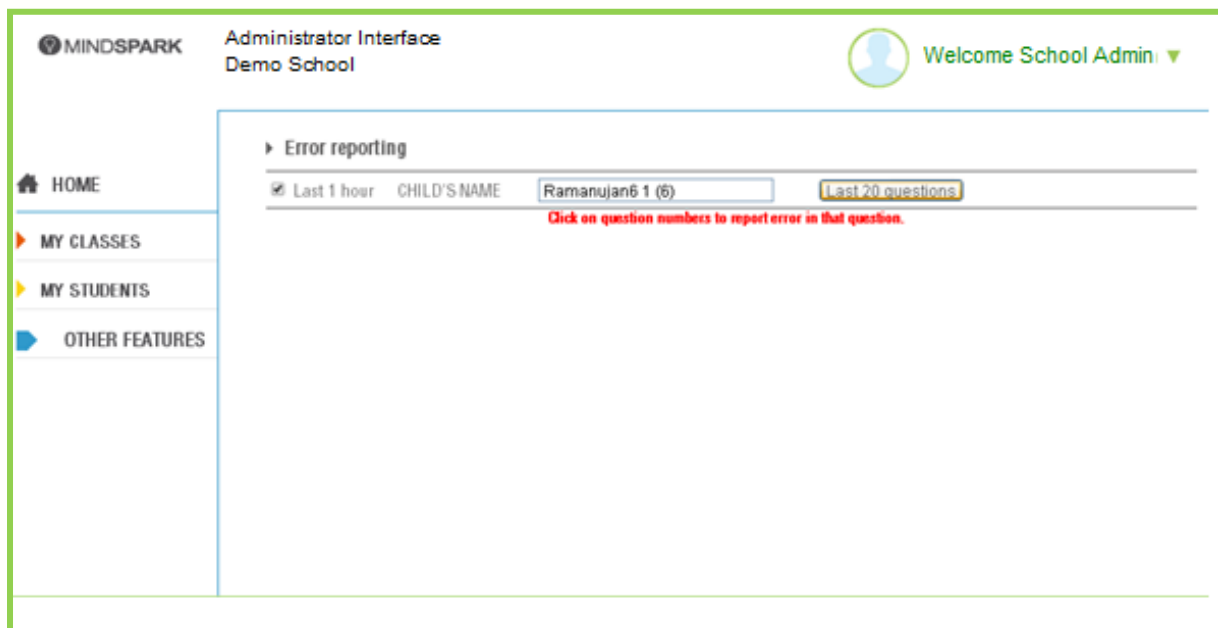
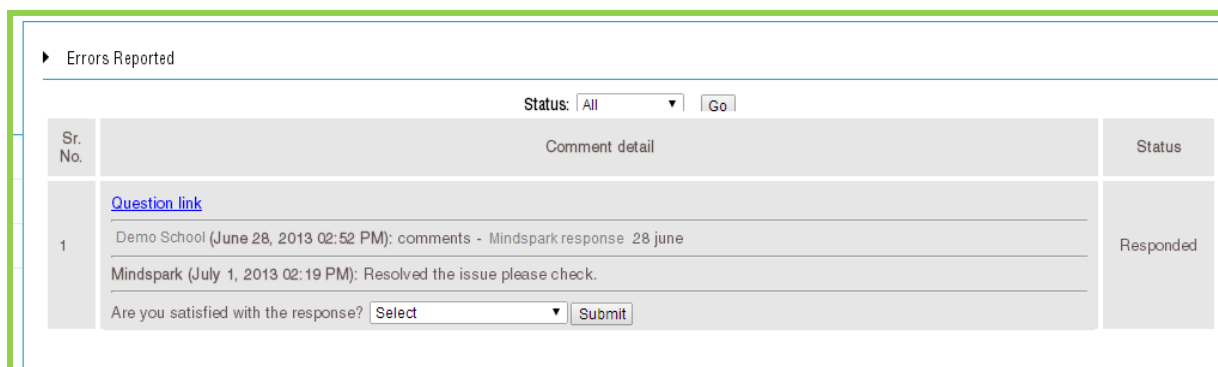


Figure 3.3.2.2A: Error Reporting (on Mindspark Questions)

The teacher is able to track the Errors Reported on selecting “Errors Reported”. The teacher may use this repository of Errors Reported to track the status of Errors Reported (Figure 3.3.2.2B)



Sr. No.	Comment detail	Status
1	Question link Demo School (June 28, 2013 02:52 PM): comments - Mindspark response 28 june Mindspark (July 1, 2013 02:19 PM): Resolved the issue please check. Are you satisfied with the response? Select Submit	Responded

Figure 3.3.2.2B: Errors Reported

3.3.2.3 Change Curriculum (This is for the School Administration ID only) – The school has the option of changing the flow curriculum and selecting one of the following – Mindspark Recommended, ICSE or CBSE. This interface also allows the option to make available the Deactivated Topics at home (Figure 3.3.2.3)

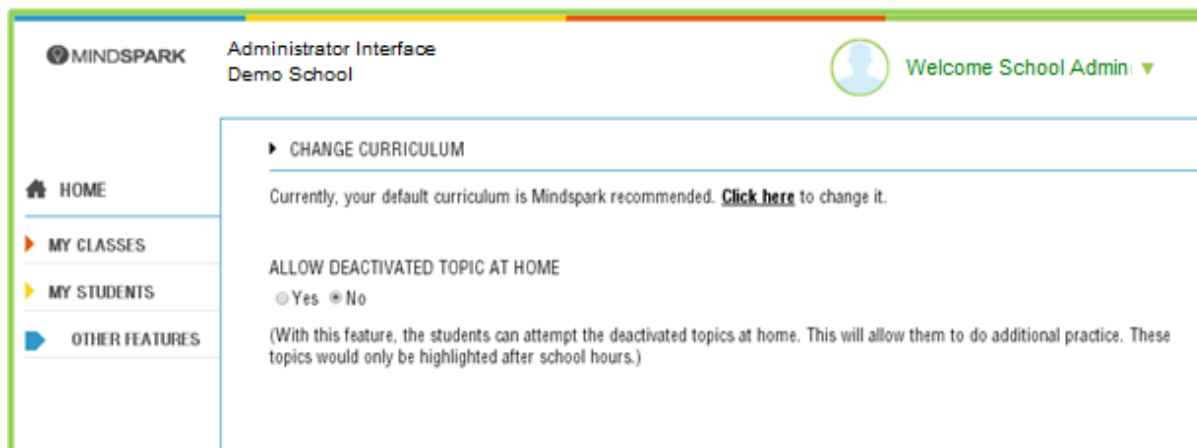


Figure 3.3.2.3: Change Curriculum

3.3.2.4 NCERT Homework Activation – NCERT Exercises are made available in Mindspark for students to work on from Class 6 onwards. However these exercises have to be activated by the Teacher and are meant for Homework only (Figure 3.3.2.4).

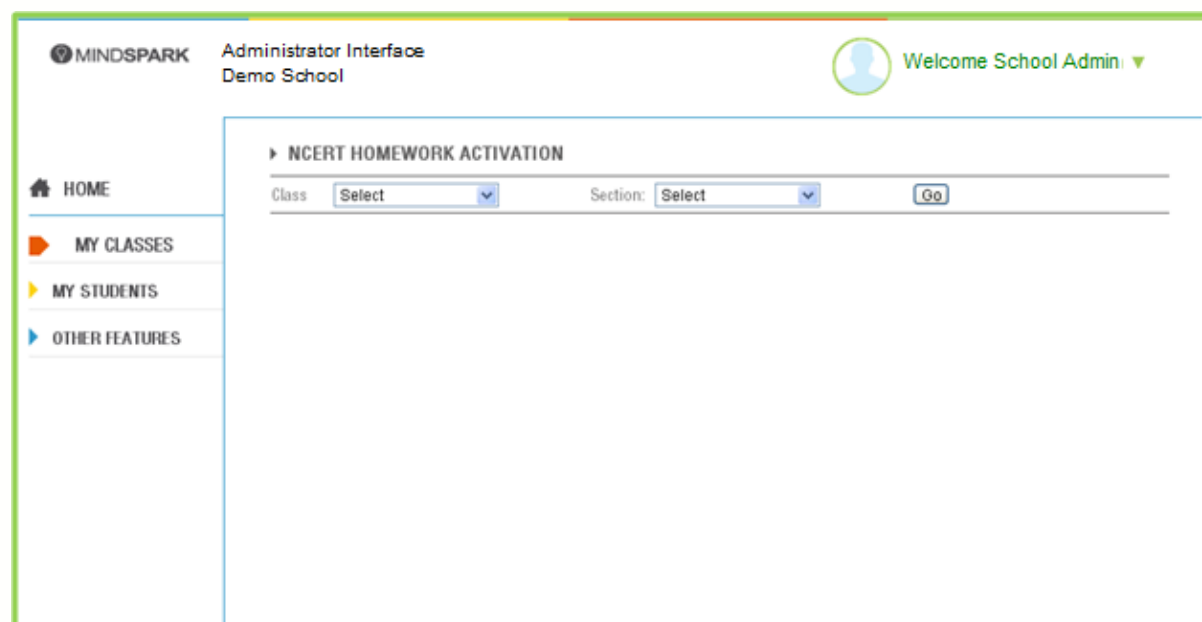


Figure 3.3.2.4: NCERT Homework Activation