

Bhutan SATS User Manual

Student Achievement Tracking System (SATS) has been designed to track:

- Student Data like personal information, contact information, child's school information and other information related to the child. It will also help in tracking child's academic performance across the years.
- Teacher Data like teachers of Bhutan and their personal information, teacher's qualification, skill sets, academic teaching profile.
- School Data like list of schools in Bhutan, type of schools, school category and school accessibility details.
- The power of this system is to bring Student, Teacher and School information onto a same platform for analyzing various parameters which help in studying various parameters.

ACCESS Levels in SATS:

There are three types of user access in this SATS tracking System (SATS)

- 1) **Admin Login** (The super user login): – to be used by REC or REC designated personnel/departments.
- 2) **Child/Parent Login:** – to be used by child or the parent.
- 3) **School Authority Login:** – to be used by respective school authorities like school principal, school trustee or school designated authorized personnel.

Each of the above user has a different set of rights to view relevant screens/interfaces as per the application rights assigned by Admin login (the super user login). A super user can create new super user accounts. This way there can be multiple admin user accounts created. The rights to each of these admin users can be controlled by the '**Assign Rights**' link in the super user login interface.

The student login, teacher login and the school authority login is created automatically by the SATS system when the newly added student or the school or the teacher is approved by the Admin/Super login. The login details of these accounts have to be retrieved by the admin user from the database and send it to the respective users.

Main Login Screen:

The Main login screen is common to all the user types (Student/Teacher/School & Admin user). Depending on the type of user account login, the screens viewed by each set of user will differ based on the available rights for each user type. It is not necessary to have login account to add new child, new teacher or new school to the SATS system. However each such newly added entity will have to be approved by the SATS admin to register this newly added data to the SATS master database. After the approval, the user login account will be created automatically by the SATS system. The admin user will have to manually retrieve the login details of each of the user type from the database and give it to the respective users.

Bhutan
Student Achievement Tracking System

What is Student Achievement Tracking System (SATS)?

Student Achievement Tracking System is a centralized, computerised database with information about all children, that contains unique identification details about every child. In other words, every child is uniquely identified or tracked by this system with the help of a unique ID.

SATS tracks each child with the unique ID and retrieves information related to demographic information, academic performance and school information.

About SATS:

Tracks each child with a unique id and retrieves information related to demographic info, academic performance, school information.

Tracks school details of a child.

In the student's performance, tracks graphs related to wise skill level, a result summary.

Provides region wise (National level, District level, Gewog level, school level) comparison of student class wise result.

Provision of multiple users (parent, principal, educator).

[Add Child](#) | [Add Teacher](#) | [Add School](#)

Forgot Password:

The user can get a new password under this screen. The new password is sent to his/her registered email address.

Enter Login ID:

This will send a new password to your registered email address, Do you want to continue?

Admin User Panel:

Admin users are allowed to manage the user data such as adding new user, delete a user account, assigning different application rights etc. Various data analysis reports based on Dzongkhag, Dungkhang, Gewog and school level reports can be viewed.

Admin Panel allows following operations:

- User Account Management – User Administration.
- Data upload and Validation – Uploading of test data & Bulk uploading of the student data.
- Data reports – To view Region-wise results, summary reports and ASSL 2008 reports.

Current Admin Users: Displays the list of current admin users.

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Student Achievement Tracking System

Admin panel will allow admin users to manage the user data such as adding new user, delete a user account, assigning different application rights etc. Various data analysis reports based on Dzongkhag, Gewog, Village and school level reports can be viewed.

[Click here](#) to download user manual

Admin Panel	
1	User Administration
1.1	Current Admin Users
1.2	Add New Admin User
1.3	Delete User
1.4	Assign Rights
1.5	Change Password
1.6	Approve Child Data
1.7	Approve Teacher Data
1.8	Approve School Data
1.9	Query Interface
1.10	View/Retrieve Deleted Teachers
1.11	Promote/Demote Class
2	Data Upload And Validation
2.1	Upload Test Data
2.2	Upload students in bulk
3	Data Reports
3.1	Region Wise Result Summary Reports
3.2	ASSL 2008

About SATS:
Allows all data related to student – performance assessments, strengths, weaknesses to be tracked at one place.
Allows remedial support to be individually identified based on the needs of each student based on their past record of each.
Allows longitudinal tracking of learning at an individual level – this will be a mine of information, both curriculum feedback as also to detect problems in learning and learn difficulty.
Allows information to always be available in a detailed, drilled-down manner.
Tracks each child with a unique id and retrieves information related to that child.

Add New Admin User: Only Admin users can create other new Admin users.

Home Logout

Add New User	
User Name	<input type="text"/>
Full Name	<input type="text"/>
Password	<input type="password"/>
Confirm Password	<input type="password"/>
Email Address	<input type="text"/>
<input type="button" value="Add User"/>	

Delete User: Will delete the admin user account.

Assign Rights: Application rights for user administration, data upload & validation and Data reports can be controlled by this "Assign Rights" panel. The different types of rights to be assigned to different admin users can be controlled by selecting the admin login name from "**Select user:**" drop down menu. The different rights have been shown below.

Select User: <Select User>

User Administration

- Current Admin Users
- Add New Admin User
- Delete User
- Assign Rights
- Edit User
- Change Password
- Approve Child Data
- Edit Child
- Edit Teacher
- Approve Teacher Data
- Find Child
- Find Teacher
- Approve School Data
- Find School
- Edit School
- Query Interface

Data Upload And Validation

- Upload Raw Score Data
- Upload Test Data
- Upload students in bulk

Data Reports

- Student's All Round Result Summary
- School's All Round Result Summary
- Region Wise Result Summary Reports
- ASSL 2008

Assign Rights

Child Account Management

Add Child: Adding a child user does not need login access. The newly added child user information can be approved only by an admin user. After approval, child information gets added to the SATS master database. Upon approval of the child user information, the child gets the login id which is his CTS number and the password. The login information should be retrieved from the SATS database manually by the admin user and should be sent to the child. The child or his parent can use this login id – the CTS number and password provided to access the child’s information. Upon logging in the child’s id, the SATS system will show up edit interface for this specific child’s details apart from showing his academic performance details.

Add Following Details For Child

Personal Information

First Name *

Last Name

Gender *

Date Of Birth *

Photo

Is Physically Challenged? Yes No

Father's Name

Mother's Name

Occupation Of Father

Contact Information

Address *

Gewog *

Village *

Phone

Email

Other Information

School *

Class *

Section

Mother Tongue

Nationality

Hobbies/Interests

1.

2.

3.

Strengths

1.

2.

3.

Approve a new Child's entry into the SATS Master Database: Only an Admin user can approve the newly added child details. The child or his parent can add his detail into the SATS system (without requiring any login). This newly added child data will show up for approval to the admin user. The system has the capability to detect duplicate child entries and alert the admin user about such duplicate entries. Upon approval by the SATS administrator, this newly added child's details are added to the SATS master database. The approve child data has three status (approve, reject, and pending) for the received child data for SATS administrator to make appropriate checks before approving it.

Bhutan Child Tracking System														
Home														
Duplicate Child - Child might exist in master list. View it by clicking link on First Name.														
Approve Child														
Sr No	Status	Photograph	First Name	Last Name	Gender	DOB	Is Physically Challenged?	Father's Name	Mother's Name	Father's Occupation	Address	Village	Gewog	School
1	Pending		Tshering	Dorji	Boy	20-03-1996	No			Business	Changbangdu	Bargoen	Bartsham	Loselling Lower Secondary
2	Pending	NA	Karma	Jurme	Boy	23-10-1995	No				Changgadaphu	Haragang	Athang	Chang Zamtog Lower Sec
<input type="button" value="Change Status"/>														
Add Child Find Child														

Show (Matching) Duplicate Records: If newly added child detail already exists in the database the will be reflected in pink color. The link on the first name field (As indicated by an arrow in the above figure) will show up the following details for duplicate checking:

Existing Details Of Child		Entered Details Of Child	
Personal Information		Personal Information	
First Name	Tshering	First Name	Tshering
Last Name	Dorji	Last Name	Dorji
Gender	B	Gender	B
Date Of Birth	20-03-1996	Date Of Birth	20-03-1996
Photo		Photo	
Is Physically Challenged?	N	Is Physically Challenged?	N
Father's Name		Father's Name	
Mother's Name		Mother's Name	
Occupation Of Father	Business	Occupation Of Father	Business
Contact Information		Contact Information	
Address	Changbangdu	Address	Changbangdu
Gewog	Bartsham	Gewog	Bartsham
Village	Bargoen	Village	Bargoen
Phone		Phone	
Email		Email	
Other Information		Other Information	
School	Chang Zamtog Lower Secondary School	School	Loselling Lower Secondary School
Class	4	Class	4
Section	B	Section	B
Mother Tongue	Sharchop	Mother Tongue	Sharchop
Nationality	*Bhutanese	Nationality	*Bhutanese
Hobbies/Interests		Hobbies/Interests	
1.		1.	
2.		2.	
3.		3.	
Strengths		Strengths	
1.		1.	
2.		2.	
3.		3.	
Weaknesses		Weaknesses	
1.		1.	
2.		2.	
3.		3.	
<input type="button" value="Close Window"/>			

Searching Student/Teacher and School details from the SATS Master Database on different search criteria:

The admin user's query interface allows him to query all types of data (Student/teacher and School) while the student user can do the query only on the student data.

The **query interface** allows for querying the list of schools, list of teachers and list of students from different Dzongkhag, Gewog and Village.

Query Interface (FIND SCHOOL interface):

Query Interface (Find School) User ID:
User Type:

Number of records to display per page:

(Please select Dzongkhag first to enable selection of Gewog, Village and School respectively)

Dzongkhag
Gewog
Village
School
Class

List of students
 List of teachers
 List of schools

School Name
Principal Name
School Category
School Type

Total Students

Total Records Found: 1

Sr No	School Name	School Category	School Type	Date Of Establishment	Total Boys	Total Girls	Total Students	Address	Village	Gewog	Dzongkhag	Phone	Email	Name Of Principal
1	MONGAR HSS	Public	HSS	NA	341	242	583		Mongar	Monggar	Mongar	641115,17704738		Jigme Yangtse

Query Interface (FIND TEACHER interface):

The **query interface** for the teachers can be used to search list of teachers based on specific set of criteria such as:

Query Interface (Find Teacher) User ID:
User Type: Admin

Number of records to display per page:

(Please select Dzongkhag first to enable selection of Gewog, Village and School respectively)

Dzongkhag
Gewog
Village
School
Class

List of students
 List of teachers
 List of schools

Teacher Name
Gender
Age
(Years)
Experience (In Years)

Qualification
Employment Status
Subjects Taught
Subjects Can Teach

Search text

Showing records 1-5 (23 Total)

Sr No	Firstname	lastname	gender	DOB	School	Qualification	Subjects Taught	Subjects Can Teach	Action
1			Male	15-06-1971	MONGAR HSS	B.LED, M.SC	BIO:10-12 CHE:10-12	BIO:9-12 CHE:9-12	View Edit Delete
2			Male	10-07-1977	MONGAR HSS	HIS/GEO		GEO:9-12 HIS:9-12	View Edit Delete
3			Male	01-04-1981	MONGAR HSS	BA, PGCE	DZO:10-12	DZO:9-12 HIS:9-12	View Edit Delete
4			Male	06-10-1982	MONGAR HSS	BA PGCE	DZO:10-12	DZO:9-12	View Edit Delete
5			Male	02-03-1959	MONGAR HSS	BA PGCE	ENG:11-12	ENG:9-12 HIS:9-12	View Edit Delete

Query Interface (FIND STUDENT interface):

The **query interface** for the students can be used to search the list of students based on the specific set of criteria such as:

Query Interface (Find Child) User ID:
User Type: Admin

Number of records to display per page:

(Please select Dzongkhag first to enable selection of Gewog, Village and School respectively)

Dzongkhag
Gewog
Village
School
Class

List of students
 List of teachers
 List of schools

Student Name
Gender
Age
(Years)
Search text

Showing records 1-5 (5913 Total)

Sr No	Firstname	lastname	gender	DOB	School	Class	Section	Village	Gewog	Action
1			Girl	NA	PASAKHA LSS	PP	A			View Edit
2			Girl	02-04-1987	SONAM KUENPHEN HIGH SCHOOL	11				View Edit

Find Child: Query Interface allows searching records of the students, teachers and the schools based on the type of login. If the student (child) logs in, he will be able search only from the list of students. Querying on the teacher or school data will be restricted for the student login. This interface helps you to search child based on different search filters like first name, last name, and guardian name, date of birth, gewog, village, school or email address.

Query Interface (Find Child) User ID: User Type: Admin

Number of records to display per page:
(Please select Dzongkhag first to enable selection of Gewog, Village and School respectively)

Dzongkhag <All> **Gewog** <All> **Village** <All> **School** <All> **Class** <All>

List of students List of teachers List of schools

Student Name **Gender** <Gender> **Age** <Condition> (Years) **Search text**

◀ 1 2 3 4 5 ▶ 2521 Showing records 1-5 (12603 Total)

Sr No	↑ Firstname	lastname	gender	DOB	School	Class	Section	Village	Gewog	Action
1	<input type="text"/>	<input type="text"/>	Boy	25-03-1996	SHUMAR LSS	4				View Edit
2	<input type="text"/>	<input type="text"/>	Boy	26-10-1998	PHUENTSHOING LSS	2	C			View Edit
3	<input type="text"/>	<input type="text"/>	Boy	05-01-1994	WAMRONG LSS	8	A			View Edit
4	<input type="text"/>	<input type="text"/>	Boy	15-04-1991	TASHITSE HSS	9	C			View Edit
5	<input type="text"/>	<input type="text"/>	Boy	NA	BANJAR CPS	2	1			View Edit

◀ 1 2 3 4 5 ▶ 2521 Showing records 1-5 (12603 Total)

Edit Child Link: Based on application rights of an user, under this link the child data can be edited.

Update Following Details For Child

Personal Information

First Name *

Last Name

Gender *

Date Of Birth *

Photo 

Change Photo:

Is Physically Challenged? Yes No

Father's Name

Mother's Name

Occupation Of Father

Contact Information

Address *

Gewog *

Village *

Phone

Email

Other Information

School *

Class *

Section

Mother Tongue

Nationality

Hobbies / Interests

1.

2.

3.

Strengths

View Details link: Displays child's personal information, contact details, school related and child's performance reports.

Details For Tshering Dorji



[Edit](#)

Personal Information

Name	: Tshering Dorji	Gender	: Boy
Date Of Birth	: 20-03-1996	Is Physically Challenged?	: No
Father's Name	:	Mother's Name	:
Occupation Of Father	: Business		

Contact Information

Address : Changbangdu
 Gewog : Bartsham
 Village : Bargoen
 Phone :
 Email :

Tshering's School Information

School Name : Chang Zamtog Lower Secondary School
 Address :
 Gewog : Chhume
 Email :
 Principal's Name :
 Village : Buli
 Phone :
 School Type :

Other Information

School : Chang Zamtog Lower Secondary School
 Class : 4
 Section : B
 Mother Tongue : Sharchop
 Nationality : Bhutanese

Hobbies / Interests

1. Playing and watching cricket.
2. Reading books.
3. Listning music.

Strengths

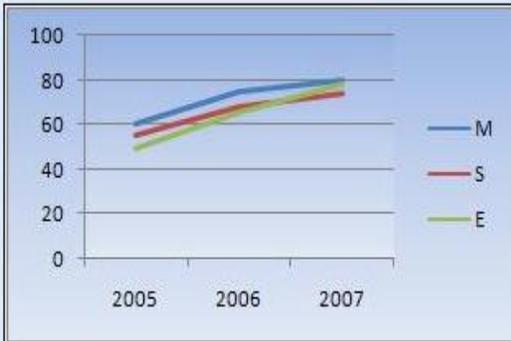
1. Sharp memory.
2. Time management in my home work.
3. Having good speech.

Weaknesses

1. Getting bored by reading same books.
2. Home sickness.
3. Weak in maths.

Tshering's School Test Result Information [Show All Round Result](#)

Report Type: Subject:



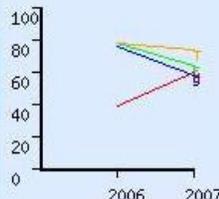
Show All Round Result link shows up following report.

All Round Result - Summary Report

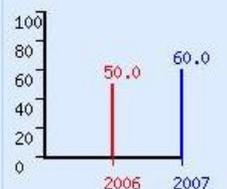
Student Name: Tshering Dorji CTS Number: 6100006586 [View Student Details](#)

Sr No.	Round	School Code	Class	Section	English	Maths	Science	Total	English Percentile	Maths Percentile	Science Percentile	Total Percentile
1	2006	9100034	7	C	37	16	22	75	77.9	38.7	75.3	77.2
2	2007	9100034	8	A	32	17	17	66	64.0	59.9	57.4	73.2

Percentile Graph



Skill Based Report - English

Sr No.	Skill	Questions In Skill	2006 %	Questions In Skill	2007 %	Graph
1	Identifies synonyms, antonyms and other words	6	50.0	5	60.0	

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Different Data reports: Displays national level all round results classified based on class wise, subject wise – Mean and SD. Dzongkhag level all round results are displayed based on dzongkhag wise, class wise, subject wise – Mean and SD.

National Level All Round Result - Summary Report (Show Graphically)																																	
Round	Class 3						Class 4						Class 5						Class 6														
	English		Maths		Science		English		Maths		Science		English		Maths		Science		English		Maths		Science										
	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD									
2005	--	--	--	97	59.3	18.5	--	--	--	122	36.2	14.3	122	45.9	17.3	122	54.1	17.6	123	40.9	13.2	123	21.9	9.3	123	42.8	13.0	116	42.1	13.8	116	34.9	11.9
2006	118	65.9	15.3	118	54.0	20.9	118	69.1	17.1	119	40.6	12.5	119	36.4	14.0	119	48.6	12.9	130	42.3	13.8	130	35.0	12.5	130	49.3	14.9	0.0	0.0	130	39.3	11.8	
2007	0.0	0.0	0.0	122	57.0	20.4	0.0	0.0	0.0	129	45.2	16.6	129	43.4	15.4	129	43.8	12.8	126	60.9	15.7	126	40.2	14.6	126	45.5	15.1	138	42.9	14.6	138	36.9	12.2

Dzongkhag Level All Round Result - Summary Report																																	
Dzongkhag Round	Class 3						Class 4						Class 5						Class 6														
	English		Maths		Science		English		Maths		Science		English		Maths		Science		English		Maths		Science										
	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD									
Bumthang																																	
2005	-	-	-	97	59.3	18.5	-	-	-	122	36.2	14.3	122	45.9	17.3	122	54.1	17.6	123	40.9	13.2	123	21.9	9.3	123	42.8	13.0	116	42.1	13.8	116	34.9	11.9
2006	118	65.9	15.3	118	54.0	20.9	118	69.1	17.1	119	40.6	12.5	119	36.4	14.0	119	48.6	12.9	130	42.3	13.8	130	35.0	12.5	130	49.3	14.9	0.0	0.0	130	39.3	11.8	
2007	-	-	-	122	57.0	20.4	-	-	-	129	45.2	16.6	129	43.4	15.4	129	43.8	12.8	126	60.9	15.7	126	40.2	14.6	126	45.5	15.1	138	42.9	14.6	138	36.9	12.2
Chhukha																																	
2005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
2006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
2007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									

The link on each dzongkhag name will display gewog wise -class wise, subject wise – Mean and SD as shown below.

National Level All Round Result - Summary Report (Show Graphically)																																	
Round	Class 3						Class 4						Class 5						Class 6														
	English		Maths		Science		English		Maths		Science		English		Maths		Science		English		Maths		Science										
	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD									
2005	--	--	--	97	59.3	18.5	--	--	--	122	36.2	14.3	122	45.9	17.3	122	54.1	17.6	123	40.9	13.2	123	21.9	9.3	123	42.8	13.0	116	42.1	13.8	116	34.9	11.9
2006	118	65.9	15.3	118	54.0	20.9	118	69.1	17.1	119	40.6	12.5	119	36.4	14.0	119	48.6	12.9	130	42.3	13.8	130	35.0	12.5	130	49.3	14.9	0.0	0.0	130	39.3	11.8	
2007	0.0	0.0	0.0	122	57.0	20.4	0.0	0.0	0.0	129	45.2	16.6	129	43.4	15.4	129	43.8	12.8	126	60.9	15.7	126	40.2	14.6	126	45.5	15.1	138	42.9	14.6	138	36.9	12.2

Gewog Level All Round Result - Summary Report																																	
Gewog Round	Class 3						Class 4						Class 5						Class 6														
	English		Maths		Science		English		Maths		Science		English		Maths		Science		English		Maths		Science										
	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD									
Chhoekhor																																	
2005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
2006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
2007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Chhume																																	
2005	-	-	-	97	59.3	18.5	-	-	-	122	36.2	14.3	122	45.9	17.3	122	54.1	17.6	123	40.9	13.2	123	21.9	9.3	123	42.8	13.0	116	42.1	13.8	116	34.9	11.9
2006	118	65.9	15.3	118	54.0	20.9	118	69.1	17.1	119	40.6	12.5	119	36.4	14.0	119	48.6	12.9	130	42.3	13.8	130	35.0	12.5	130	49.3	14.9	0.0	0.0	130	39.3	11.8	
2007	-	-	-	122	57.0	20.4	-	-	-	129	45.2	16.6	129	43.4	15.4	129	43.8	12.8	126	60.9	15.7	126	40.2	14.6	126	45.5	15.1	138	42.9	14.6	138	36.9	12.2

The link on each gewog name will display village wise- class wise, subject wise – Mean and SD as shown below.

National Level All Round Result - Summary Report (Show Graphically)																																	
Round	Class 3						Class 4						Class 5						Class 6														
	English		Maths		Science		English		Maths		Science		English		Maths		Science		English		Maths		Science										
	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD									
2005	--	--	--	97	59.3	18.5	--	--	--	122	36.2	14.3	122	45.9	17.3	122	54.1	17.6	123	40.9	13.2	123	21.9	9.3	123	42.8	13.0	116	42.1	13.8	116	34.9	11.9
2006	118	65.9	15.3	118	54.0	20.9	118	69.1	17.1	119	40.6	12.5	119	36.4	14.0	119	48.6	12.9	130	42.3	13.8	130	35.0	12.5	130	49.3	14.9	0.0	0.0	130	39.3	11.8	
2007	0.0	0.0	0.0	122	57.0	20.4	0.0	0.0	0.0	129	45.2	16.6	129	43.4	15.4	129	43.8	12.8	126	60.9	15.7	126	40.2	14.6	126	45.5	15.1	138	42.9	14.6	138	36.9	12.2

Village Level All Round Result - Summary Report																																	
Village Round	Class 3						Class 4						Class 5						Class 6														
	English		Maths		Science		English		Maths		Science		English		Maths		Science		English		Maths		Science										
	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD									
Bhim																																	
2005	-	-	-	97	59.3	18.5	-	-	-	122	36.2	14.3	122	45.9	17.3	122	54.1	17.6	123	40.9	13.2	123	21.9	9.3	123	42.8	13.0	-	-	-	-	-	
2006	118	65.9	15.3	118	54.0	20.9	118	69.1	17.1	119	40.6	12.5	119	36.4	14.0	119	48.6	12.9	130	42.3	13.8	130	35.0	12.5	130	49.3	14.9	-	-	-	130	39.3	11.8
2007	-	-	-	122	57.0	20.4	-	-	-	129	45.2	16.6	129	43.4	15.4	129	43.8	12.8	126	60.9	15.7	126	40.2	14.6	126	45.5	15.1	138	42.9	14.6	138	36.9	12.2
Buli																																	
2005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
2006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
2007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									

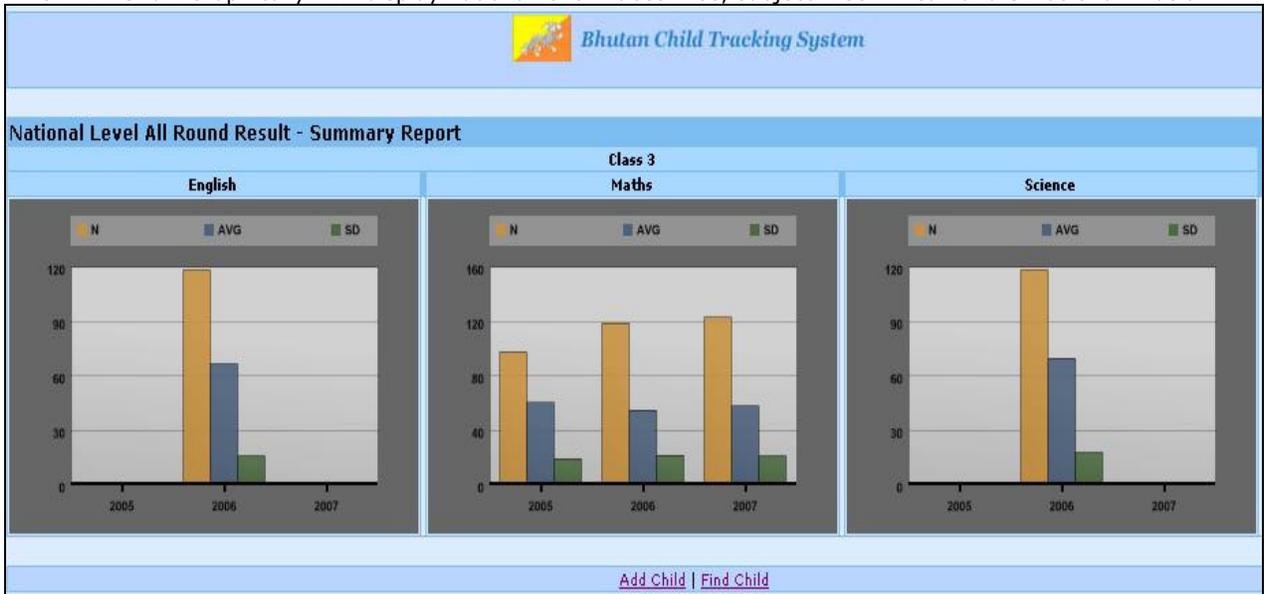
The link on each village name will display school wise, class wise, subject wise – Mean and SD as shown below.

National Level All Round Result - Summary Report (Show Graphically)																																				
Round	Class 3						Class 4						Class 5						Class 6																	
	English		Maths		Science		English		Maths		Science		English		Maths		Science		English		Maths															
	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD												
2005	--	--	--	97	59.3	18.5	--	--	--	122	36.2	14.3	122	45.9	17.3	122	54.1	17.6	123	40.9	13.2	123	21.9	9.3	123	42.8	13.0	116	42.1	13.8	116	34.9	11.9	116	36.9	12.2
2006	118	65.9	15.3	118	54.0	20.9	118	69.1	17.1	119	40.6	12.5	119	36.4	14.0	119	48.6	12.9	130	42.3	13.8	130	35.0	12.5	130	49.3	14.9	0.0	0.0	130	39.3	11.8	130	36.9	12.2	
2007	0.0	0.0	0.0	122	57.0	20.4	0.0	0.0	0.0	129	45.2	16.6	129	43.4	15.4	129	43.8	12.8	126	60.9	15.7	126	40.2	14.6	126	45.5	15.1	138	42.9	14.6	138	36.9	12.2	138	36.9	12.2

School Level All Round Result - Summary Report																																				
School Round	Class 3						Class 4						Class 5						Class 6																	
	English		Maths		Science		English		Maths		Science		English		Maths		Science		English		Maths															
	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD	N	AVG	SD			
Zifukha Lower Secondary School																																				
2005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2006	118	65.9	15.3	118	54.0	20.9	118	69.1	17.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2007	-	-	-	122	57.0	20.4	-	-	-	129	45.2	16.6	129	43.4	15.4	129	43.8	12.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Loselling Lower Secondary School																																				
2005	-	-	-	97	59.3	18.5	-	-	-	122	36.2	14.3	122	45.9	17.3	122	54.1	17.6	123	40.9	13.2	123	21.9	9.3	123	42.8	13.0	-	-	-	-	-	-	-		
2006	-	-	-	-	-	-	-	-	-	119	40.6	12.5	119	36.4	14.0	119	48.6	12.9	130	42.3	13.8	130	35.0	12.5	130	49.3	14.9	-	-	-	130	39.3	11.8	130	36.9	12.2
2007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126	60.9	15.7	126	40.2	14.6	126	45.5	15.1	138	42.9	14.6	138	36.9	12.2	138	36.9	12.2

[Add Child](#) | [Find Child](#)

The link "Show Graphically" will display national level- class wise, subject wise – Mean and SD as shown below.



The link on each school name will display student wise- the class wise, subject wise – Mean and SD as shown below.


Bhutan Child Tracking System

School Name: Zilukha Lower Secondary School **School Code:** 6100017

% of students answering correctly

Sr No.	Round	English %	Maths %	Science %
1	2005	--	--	--
2	2006	66.3	54.0	68.9
3	2007	51.8	50.3	53.8

[Show Classwise](#)

All Round Result - Summary Report

School Name: Zilukha Lower Secondary School **School Code:** 6100017

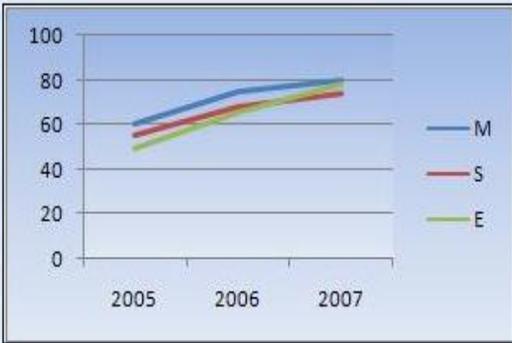
Sr No.	Round	CTS Number	Student Name	Class	Section	English	Maths	Science	Total	English Percentile	Maths Percentile	Science Percentile	Total Percentile
1	2007	5100000014	Jigme Dorji	3	A		17		17	0.0	66.1	0.0	18.7
2	2007	4100000029	Kinlay Gyalya	3	C		10	16	26	0.0	17.3	45.4	31.3
3	2007	7100000037	Kinley Sithu	3	C	5	13	17	35	5.2	36.0	52.5	42.4
4	2007	7100000041	Kinley Tenzin	3	C	12	13		25	21.3	36.0	0.0	30.2
5	2007	1100000055	Khamsum Chorten	3	C	19	15	18	52	51.4	51.7	60.5	69.7
6	2007	9100000069	Namgay Hangchuk	3	A	14		17	31	28.6	0.0	52.5	37.4
7	2007	7100000077	Nima Gyeltshen	3	A	25	17	21	63	78.7	66.1	81.9	86.2
8	2007	9100000083	Rinzin Wangchok	3	B	27	24	25	76	86.3	94.0	97.3	97.3
9	2007	5100000097	Sagar Basneth	3	B	13	11	7	31	24.8	22.6	7.6	37.4
10	2007	3100000109	Sherab Tenzin	3	C	15	14	18	47	32.8	43.9	60.5	61.1
11	2007	7100000112	Tawchu	3	A	21	15	22	58	61.1	51.7	87.5	79.2
12	2007	8100000127	Tandin Wangchek	3	C	14	7	20	41	28.6	8.0	74.9	51.1
13	2007	8100000135	Tandin Tshewang	3	B	10	17	14	41	14.9	66.1	33.1	51.1
14	2007	1100000145	Tashi Tsering	3	B	21	21	22	64	61.1	85.6	87.5	87.3

Skill wise report is also displayed as shown.

Skill Wise Report For Class: 3 Subject: English				
Sr No.	Skill	2005 %	2006 %	2007 %
1	Knowledge of spellings and all types of words	--	59.8	51.0
2	Deduction of contextual meanings of words	--	58.7	64.3
3	Understanding of organisation, sequence and context	--	81.4	50.0
4	Recognition and reproduction of stated facts	--	74.4	72.8
5	Making inferences using contextual clues & prior knowledge	--	72.1	53.2
6	Analysis of characters and situations	--	77.9	57.1
7	Interpretation of information in poems	--	74.4	57.1
8	Construction of sentences/formal/ informal responses	--	56.4	53.6
9	Usage of Grammar and Punctuation	--	49.0	65.6

Skill Wise Report For Class: 3 Subject: Maths				
Sr No.	Skill	2005 %	2006 %	2007 %
1	Number sense, related concepts and basic number competency	--	59.8	61.9
2	Arithmetic operations: Addition and Subtraction	--	51.6	60.3
3	Arithmetic operations: Multiplication	--	40.7	64.7
4	Word problems and visual based problems	--	55.5	44.1
5	Basic Shapes and Geometry	--	64.5	72.9
6	Applications in daily life: money, time, calendar, length etc	--	54.9	64.8
7	Data interpretation	--	47.3	33.6

Child/Parent Login: The Child/Parent login will display the relevant child's details:

Details For Tshering Dorji				
Edit				
	Personal Information			
	Name	: Tshering Dorji	Gender	: Boy
	Date Of Birth	: 20-03-1996	Is Physically Challenged?	: No
	Father's Name	:	Mother's Name	:
	Occupation Of Father	: Business		
Contact Information		Tshering's School Information		
Address	: Changbangdu	School Name	: Chang Zamtog Lower Secondary School	
Gewog	: Bartsham	Address	:	
Village	: Bargoen	Village	: Buli	
Phone	:	Gewog	: Chhume	
Email	:	Email	:	
		Phone	:	
		School Type	:	
		Principal's Name	:	
Other Information		Tshering's School Test Result Information Show All Round Result		
School	: Chang Zamtog Lower Secondary School	Report Type:	Percentile Graph	
Class	: 4	Subject:	All	
Section	: B			
Mother Tongue	: Sharchop			
Nationality	: Bhutanese			
Hobbies/Interests				
1. Playing and watching cricket.				
2. Reading books.				
3. Listning music.				
Strengths				
1. Sharp memory.				
2. Time management in my home work.				
3. Having good speech.				
Weaknesses				
1. Getting bored by reading same books.				
2. Home sickness.				
3. Weak in maths.				

School Authority Login: The school authority login will display relevant details for that particular school:

Bhutan Child Tracking System													
School Name: Zilukha Lower Secondary School School Code: 6100017													
% of students answering correctly													
Sr No.	Round	English %	Maths %	Science %									
1	2005	--	--	--									
2	2006	66.3	54.0	68.9									
3	2007	51.8	50.3	53.8									
Show Classwise													
All Round Result - Summary Report													
School Name: Zilukha Lower Secondary School School Code: 6100017													
Sr No.	Round	CTS Number	Student Name	Class	Section	English	Maths	Science	Total	English Percentile	Maths Percentile	Science Percentile	Total Percentile
1	2007	5100000014	Jigme Dorji	3	A		17		17	0.0	66.1	0.0	18.7
2	2007	4100000029	Kinlay Gyalya	3	C		10	16	26	0.0	17.3	45.4	31.3
3	2007	7100000037	Kinley Sithu	3	C	5	13	17	35	5.2	36.0	52.5	42.4
4	2007	7100000041	Kinley Tenzin	3	C	12	13		25	21.3	36.0	0.0	30.2
5	2007	1100000055	Khamsum Chorten	3	C	19	15	18	52	51.4	51.7	60.5	69.7
6	2007	9100000069	Namgay Hangchuk	3	A	14		17	31	28.6	0.0	52.5	37.4
7	2007	7100000077	Nima Gyeltshen	3	A	25	17	21	63	78.7	66.1	81.9	86.2
8	2007	9100000083	Rinzin Wangchok	3	B	27	24	25	76	86.3	94.0	97.3	97.3
9	2007	5100000097	Sagar Basneth	3	B	13	11	7	31	24.8	22.6	7.6	37.4
10	2007	3100000109	Sherab Tenzin	3	C	15	14	18	47	32.8	43.9	60.5	61.1
11	2007	7100000112	Tawchu	3	A	21	15	22	58	61.1	51.7	87.5	79.2
12	2007	8100000127	Tandin Wangchek	3	C	14	7	20	41	28.6	8.0	74.9	51.1
13	2007	8100000135	Tandin Tshewang	3	B	10	17	14	41	14.9	66.1	33.1	51.1
14	2007	1100000145	Tashi Tsering	3	B	21	21	22	64	61.1	85.6	87.5	87.3

Skill wise report is also displayed as shown:

Skill Wise Report For Class: 3 Subject: English				
Sr No.	Skill	2005 %	2006 %	2007 %
1	Knowledge of spellings and all types of words	--	59.8	51.0
2	Deduction of contextual meanings of words	--	58.7	64.3
3	Understanding of organisation, sequence and context	--	81.4	50.0
4	Recognition and reproduction of stated facts	--	74.4	72.8
5	Making inferences using contextual clues & prior knowledge	--	72.1	53.2
6	Analysis of characters and situations	--	77.9	57.1
7	Interpretation of information in poems	--	74.4	57.1
8	Construction of sentences/formal/ informal responses	--	56.4	53.6
9	Usage of Grammar and Punctuation	--	49.0	65.6

Skill Wise Report For Class: 3 Subject: Maths				
Sr No.	Skill	2005 %	2006 %	2007 %
1	Number sense, related concepts and basic number competency	--	59.8	61.9
2	Arithmetic operations: Addition and Subtraction	--	51.6	60.3
3	Arithmetic operations: Multiplication	--	40.7	64.7
4	Word problems and visual based problems	--	55.5	44.1
5	Basic Shapes and Geometry	--	64.5	72.9
6	Applications in daily life: money, time, calendar, length etc	--	54.9	64.8
7	Data interpretation	--	47.3	33.6

Student data bulk Upload interface: This interface allows schools or the REC personnel to do a bulk upload of the students data received from the schools. To do the bulk upload, first the Dzongkhag, Gewog, Village and the school need to be selected. The data should be provided in csv format (Excel file saved as CSV). All the asterisk marked fields are mandatory data while the others are optional. It is mandatory to have the first row as headers in that excel file. The upload interface would validate on the different column data and only if it is clean/correct it allow uploading else the errors will be displayed on the screen. Only after all the errors are corrected the upload of the data will be allowed by this interface. The access to this interface will be available based on rights only to the SATS admin and the school authority login. The student login will not be able to access this interface.

Student Data - Bulk Upload

Dzongkhag <All> Gewog <All> Village <All> School <All> OR School

File(csv):

Conditions to be observed

- File must be in CSV format. You can create file in MS Excel and save it as CSV file.
- All dates should be in dd-mm-yyyy format.
- First row should contain headers; the headers should exactly be in the sequence shown below: (* indicates mandatory fields.)

[Class*, Section, Roll No, First Name*, Last Name*, Father Name*, Mother Name*, Gender (B/G)*, Date of Birth*, Phone, Email, Physically Challenged (Y/N), Mother tongue, Nationality, Occupation of Father, Occupation of Mother, Address, Father Village Name, Father Gewog Name, Father Dzongkha Name, Child Village Name, Child Gewog Name, Child Dzongkha Name, Hobby 1, Hobby 2, Hobby 3, Strength 1, Strength 2, Strength 3, Weakness 1, Weakness 2, Weakness 3, Boarder (Y/N), Repeater (Y/N), WFP (Y/N)]

Deleting Duplicate records of teachers:

Query Interface (Find Teacher) User ID: arpit User Type: Admin

Number of records to display per page: 25
(Please select Dzongkhag first to enable selection of Gewog, Village and School respectively)

Dzongkhag <All> Gewog <All> Village <All> School MONGAR LSS Class <All> OR School MONGAR LSS(Mongar)

List of students List of teachers List of schools

Teacher Name Gender <Gender> Age <Condition> (Years) Experience (In Years)

Qualification Employment Status <status> Subjects Taught Subjects Can Teach

Search text

Showing records 1-25 (28 Total)

Sr No	Firstname	lastname	gender	DOB	School	Qualification	Subjects Taught	Subjects Can Teach	Action
1			Female	27-10-1979	MONGAR LSS	B.ED	ENG:6,8 MAT:6,8	ENG:4-10	View Edit Delete
2			Male	13-01-1980	MONGAR LSS	B.ED	GEO:7-8 MAT:7-8	GEO:7-8 MAT:7-8	View Edit Delete
3			Male	13-01-1980	MONGAR LSS	B.ED	GEO:7-8 MAT:7-8	GEO:7-8 MAT:7-8	View Edit Delete

[Retrieve deleted teachers](#)

The link to delete Duplicate records is available from the query interface for list of teachers for the school authority login. Upon clicking the link "delete", the teacher record will be deleted from the SATS teacher master database. All such deleted entries are stored in a separate table to check the user who deleted the teacher records and the date of deletion. The admin interface panel provides a link to view all such deleted duplicate teacher entries with a revert link to add accidentally deleted teacher records back to the teacher master SATS database. This interface can be used to delete duplicate records from the SATS teacher master database.

Retrieving the Deleted teacher entries: To view deleted teacher entries and to retrieve back the wrongly deleted teacher entries, click link 'View/Retrieve Deleted Teachers'. This link is rights based and requires rights to be assigned by the SATS administrator. This right is assigned to all school authority logins as a default option. The school authority login will be able to view, edit and delete teachers for their respective schools. It is also possible to view the deleted teacher entries from the query interface for the list of teachers as indicated above from the link 'Retrieve deleted teachers'.

Admin Panel	
1	User Administration
1.1	Current Admin Users
1.2	Add New Admin User
1.3	Delete User
1.4	Assign Rights
1.5	Change Password
1.6	Approve Child Data
1.7	Approve Teacher Data
1.8	Approve School Data
1.9	Query Interface
1.10	View/Retrieve Deleted Teachers
2	Data Upload And Validation
2.1	Upload Test Data
2.2	Upload students in bulk
3	Data Reports
3.1	Region Wise Result Summary Reports
3.2	ASSL 2008

Retrieving the wrongly deleted teacher Entries:

Deleted Teachers										
Sr No	Firstname	lastname	gender	DOB	School	Qualification	Subjects Taught	Subjects Can Teach	Deleted By	Deleted On
<input type="checkbox"/> 1			Male	13-01-1980	MONGAR LSS	B.ED	GEO:7-8 MAT:7-8	GEO:7-8 MAT:7-8	4101732	22-04-2009 16:35:13
<input checked="" type="checkbox"/> 2			Male	11-08-1973	MONGAR LSS		DZO:7-8 HIS:7-8	DZO:PP-10 HIS:PP-10	arpit	22-04-2009 16:41:08

All the deleted teacher records history is maintained in the SATS database and shown with the details including who deleted the record with the time stamp. Any wrongly deleted teacher record can be reverted back into the SATS teacher master database by selecting that record and using the 'Retrieve' button as shown above.

Promote/Demote class interface (for full Bhutan Schools or for individual Schools):

This interface is available to the Admin login to promote students to higher classes year after year. All the students who are promoted from class 12 will be moved to **EOS_year** scheme meaning 'End of School _ in that specific year'. This would allow retrieving data of students who passed out 12th Standard year after year. For other classes, promoting would increment their class by 1 while demote feature will decrement the class by 1. In addition, the interface also allows promoting or demoting class for all the schools or a specific school before the selected date or for the given range of SATS IDs on the date of clicking the promote/demote button as shown in the interface below:

Promote/Demote Class

All Schools OR Select School Select Date

OR

Enter SATS IDs
(Comma separated
E.g. 5100000014,2100000304)

[Show Promote/Demote History](#)

Features of Promote/Demote Interface:

- Select "All Schools" checkbox and the date to promote or demote all the students of all the schools in Bhutan.
- For using this feature on a specific school, type in the school name in the text box and select the date.
- Promote/Demote feature can also be done based on the SATS ID. Providing a comma separated SATS IDs in the given text area will promote or demote all these specific students on date of clicking Promote/Demote button.

Note:

1. Depending on the option selected (all schools or a specific school), all the students whose last date of promotion / demotion is less than the date in the 'Select Date' field will only be changed.
2. If this feature is used using SATS IDs then the promote/demote operation will be executed on the date of clicking this button irrespective of the last promotion/demotion date.
3. Please use this feature with care as it will affect the classes of each of students in the master database.

History of Promote/Demote Operation:

A history of promote /demote operation is saved and can be viewed by clicking the link "**Show Promote/Demote History**". This interface will show details of who executed the promote/demote operation based on the login id and also the selection made at time to executing this operation.

Promote/Demote Class History						
Sr No	Entity	Action Done	Effective From	Action Done By	Action Done On	Total Students Effected
1	5100000014,2100000304	Promoted	23-04-2009	arpit	23-04-2009 16:38:13	2
2	5100000014,2100000304	Demoted	23-04-2009	arpit	23-04-2009 16:39:08	2
3	4101732	Promoted	30-04-2009	arpit	23-04-2009 16:39:31	238
4	4101732	Demoted	01-05-2009	arpit	23-04-2009 16:40:00	238
5	5100000014,2100000304	Promoted	23-04-2009	arpit	23-04-2009 16:56:27	2
6	5100000014,2100000304	Demoted	23-04-2009	arpit	23-04-2009 16:56:40	2

Teacher Account Management:

Add/Edit interface for the Teachers will allow teachers to edit their respective data. The teacher or the SATS super user (admin login) can edit his/her details from this interface after login in with the teacher id (admin login id) provided by the SATS administrator. When adding new teachers to this system, the following information needs to be entered to create the teacher's profile.

Add Following Details For Teacher	
Personal Information	
First Name *	<input type="text"/>
Last Name	<input type="text"/>
Gender *	<Gender> ▼
Date Of Birth *	01-01-1980
Marital Status	<input type="text"/>
Photo	<input type="text"/> <input type="button" value="Browse..."/>
Is Physically Challenged?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Contact Information	
Address *	<input type="text"/>
Phone	<input type="text"/>
Email	<input type="text"/>
Other Information	
School *	<School> ▼
Designation/Position Held *	<Designation> ▼
Status *	<Status> ▼
Qualification *	<input type="text"/>
EmployeeId	<input type="text"/>
Grade/PCS	<input type="text"/>
Subjects Taught	<input type="text"/> MATHS ▼ <input type="button" value="AddMore"/>
Subjects the teacher can teach	<input type="text"/> MATHS ▼ <input type="button" value="AddMore"/>
Date Of First Appointment	<input type="text"/>