**PUPIL ACADEMIC MONITORING SYSTEM**

**User Guide**

**Analyzing Results**

**(Updated on 30 Sep 2021)**

Contents

[Work Flow 1](#_Toc83895455)

[Exam Label 2](#_Toc83895456)

[Cockpit Files 3](#_Toc83895457)

[EXDET 3](#_Toc83895458)

[Load SBB & Teaching Group 5](#_Toc83895459)

[Loading RE\_SDT\_009 Files 7](#_Toc83895460)

[Loading RE\_TMT\_010 Files 8](#_Toc83895461)

[Manage SBB and Teaching Group 9](#_Toc83895462)

[Features 10](#_Toc83895463)

[Updating SBB Subject 11](#_Toc83895464)

[Update Teaching Group/ Teachers 12](#_Toc83895465)

[Manage Pupil Group 16](#_Toc83895466)

[Assigning PSLE Tier 17](#_Toc83895467)

[Assigning SBB/OOS Count 18](#_Toc83895468)

[Assigning Laterally Transferred 19](#_Toc83895469)

[Assigning Group 20](#_Toc83895470)

[Check Subject Allocation List 21](#_Toc83895471)

[Check Subject Grading Scheme 22](#_Toc83895472)

[Convert Cockpit Data 23](#_Toc83895473)

[Process Results 24](#_Toc83895474)

[Print Reports 25](#_Toc83895475)

[Level Analysis 25](#_Toc83895476)

[Class Analysis 27](#_Toc83895477)

[Listing 28](#_Toc83895478)

[Teach Gp (NEW) 29](#_Toc83895479)

[Pupil GP (NEW) 30](#_Toc83895480)

[Correlation (Revised) 31](#_Toc83895481)

[Compare (Revised) 32](#_Toc83895482)

# Work Flow

Part 1 - Beginning of Year

* Convert Cockpit Data
* Manage SBB and Teaching Group

**NEW**

* Subject Grading Scheme
* Setup Aggregate Target

Part 2 – Analyzing Results

* Convert Cockpit Data (with Exam Results)
* Process Results

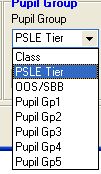
**New Features and Reports**

The new features are Pupil Group Allocation:

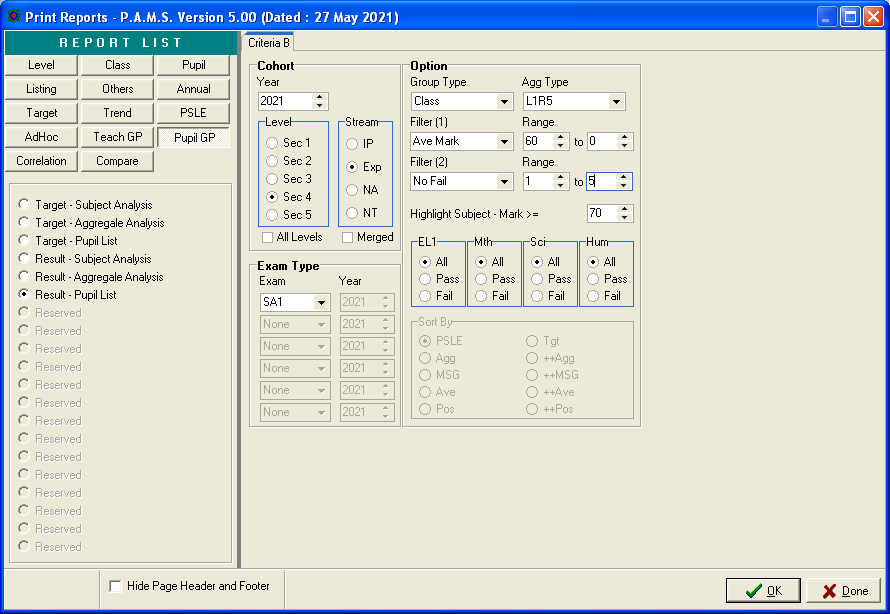
PSLE Tier - Each Cohort is divided into Tier based on PSLE Results. Analysis based on Tier

OOS/SBB - Identify students offered SBB/OOS (1, 2 3 or 4). Analysis based on Total OSS/SBB Offered

User Defined Group - There are up to 5 Groups you can tag to students. For example, DSA, Scholars, Laterally Transferred etc. Analysis based on these Groups



There are a series of Reports based on Pupil Grouping. In addition, you can also filter out pupils based on Average Mark, EPI, No Pass, No Fail, Aggregate, Overall Pass and Overall Fail. Please explore.





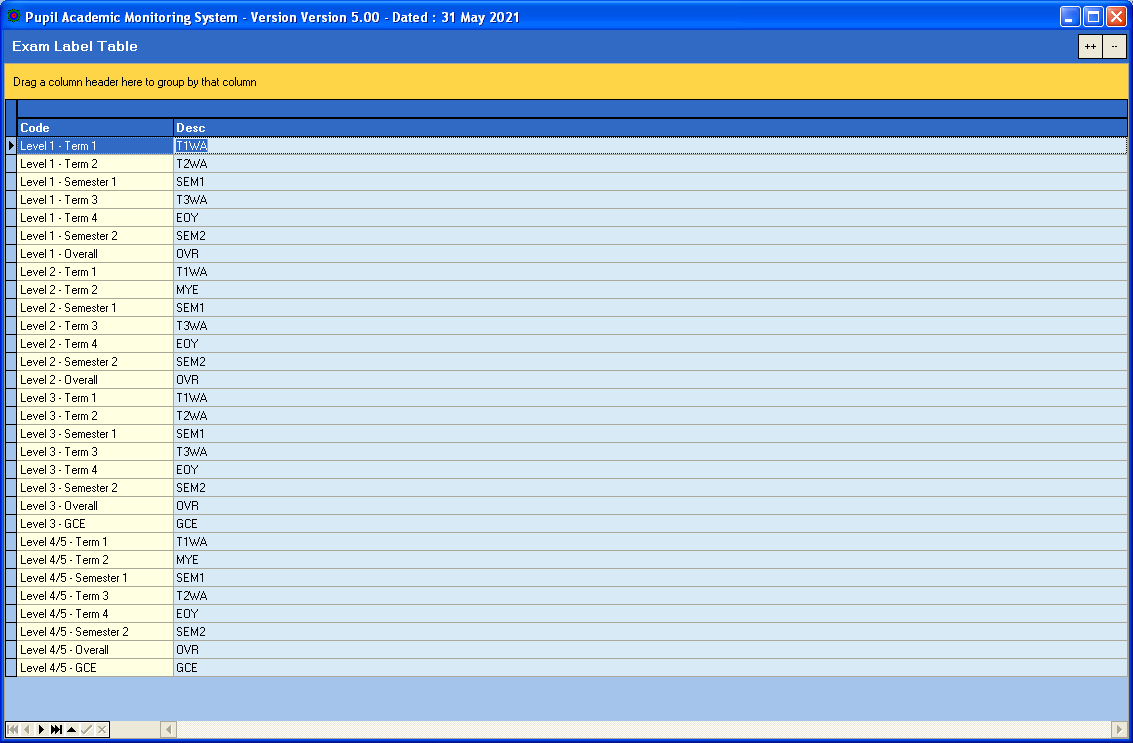
Range of Value to be included

# Exam Label

Now you may rename the Exam Label to WA1, SA1 etc or any customized Label. Please note that the length should be kept at 4 characters or less.

Important Note: You need to download SysCode.DB and SysCode.PX from our website into C:\APPS\RJCAT\PAMS2000\DATABASE

Menu Access: System Table Menu | Exam Label Table



# 

# Cockpit Files

There are some changes to the Cockpit Files especially the EXDET (CSV) and Subject Combination (Excel)

## EXDET

The subject Code column includes “Stream” as part of Subject Code. For example, for NA student offering Express Maths:

Lower Sec NA - MATHS – EXP

Upper Sec NA - MATHS – O

Some of the Subject Codes are different from previous years. PAMS will map them accordingly. For example EL:

Lower Sec Express - EL – EXP map to EL1

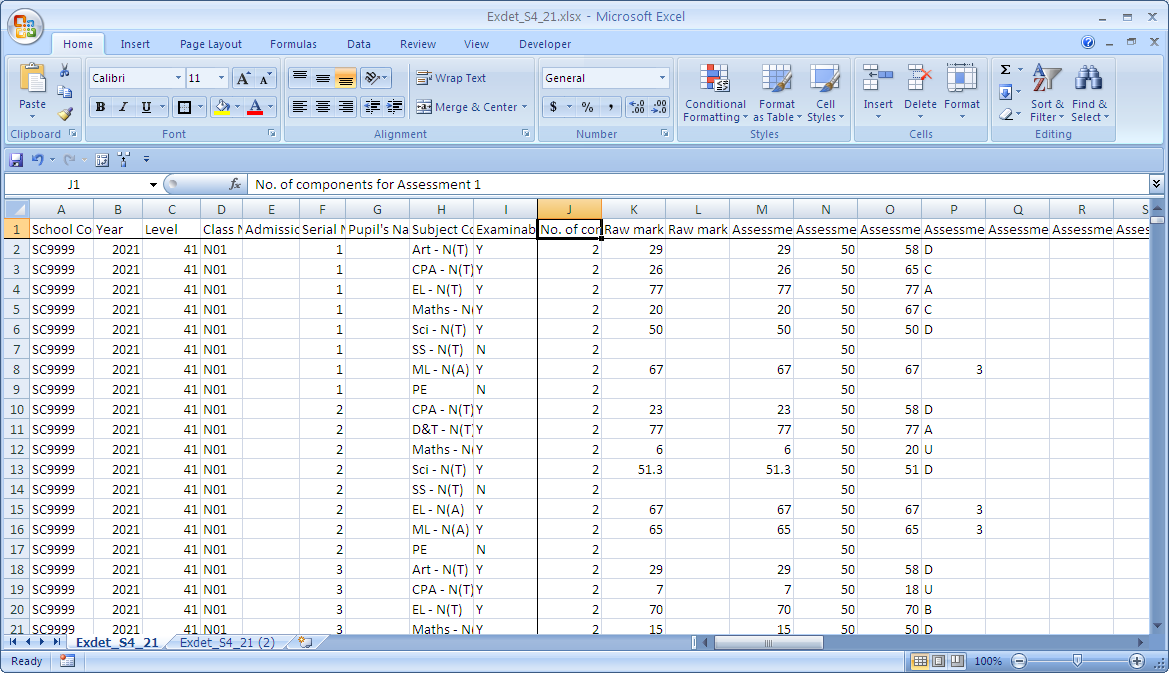
Lower Sec NA - EL – N(A) map to EL1

Lower Sec NA SBB - EL – EXP map to \_EL1

Assessment Number

You need to check the column with “No. of components for Assessment ..” to see what Number to map to CA1, SA1, CA2 and SA2 when converting Cockpit Data.

**Different Schools have different Assessment Numbering System.**

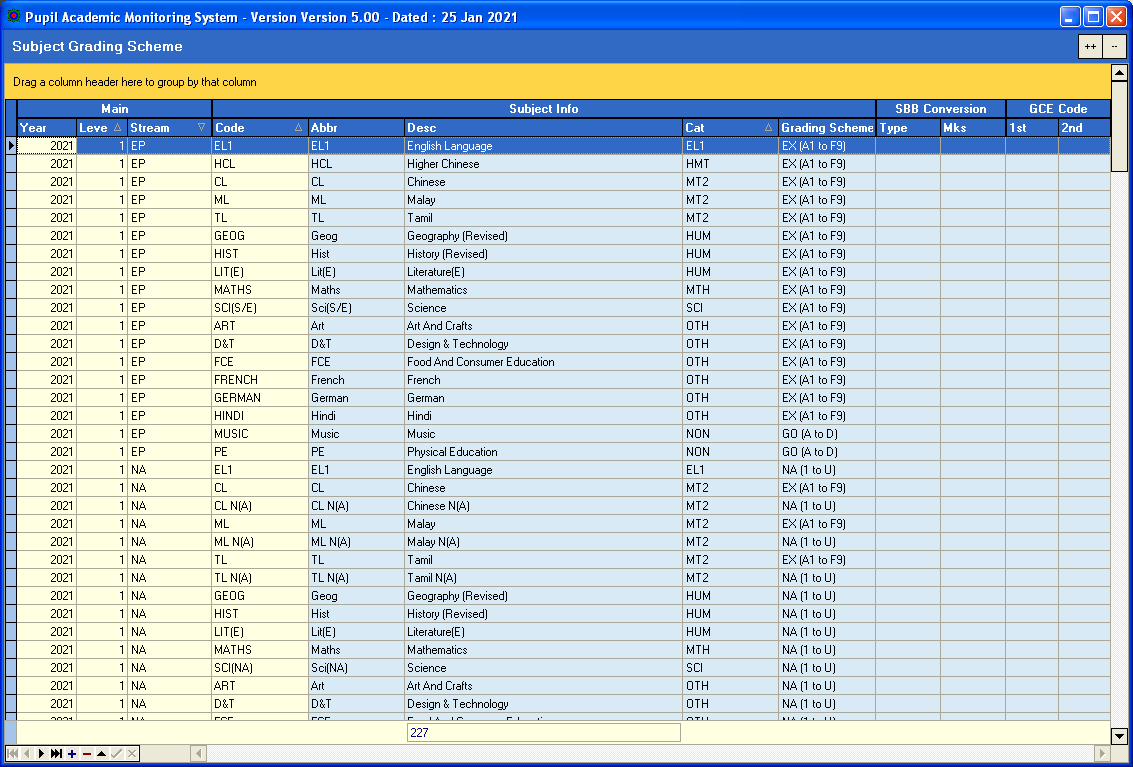


Check what Assessment Number to use for CA1, SA1, CA2 and SA2.

**Check Subject Grading Scheme**

After conversion, you need to check through the Subject Parameters such as Category, Grading Scheme etc. to ensure that they are correct.

Menu Access: System Admin Menu – Subject Grading Scheme



Grading Scheme

Subject Category

# Load SBB & Teaching Group

Menu Access: System Admin Menu || Load SBB & Teaching Group

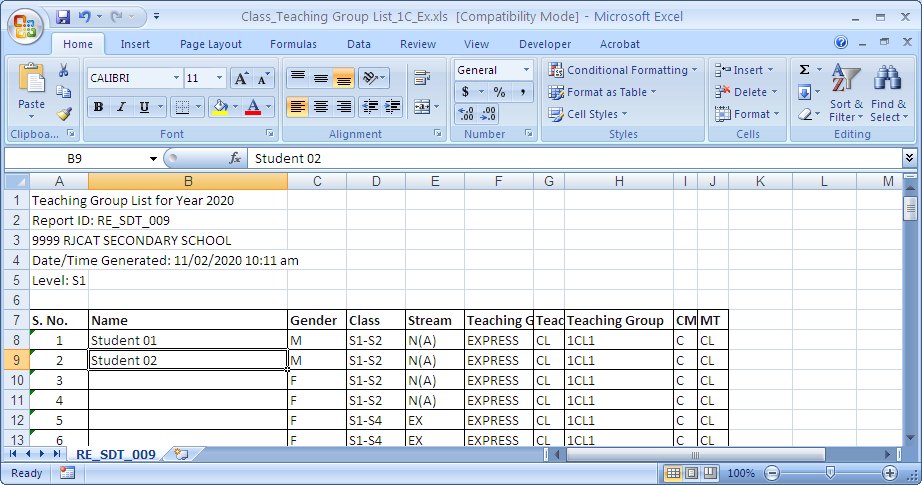
There are 2 types of Excel Files that can be loaded into PAMS. All of them need to be save as OLD Excel Format (.xls)

RE\_SDT\_009 : This is Pupil Subject Teaching Group File. There will be many files.

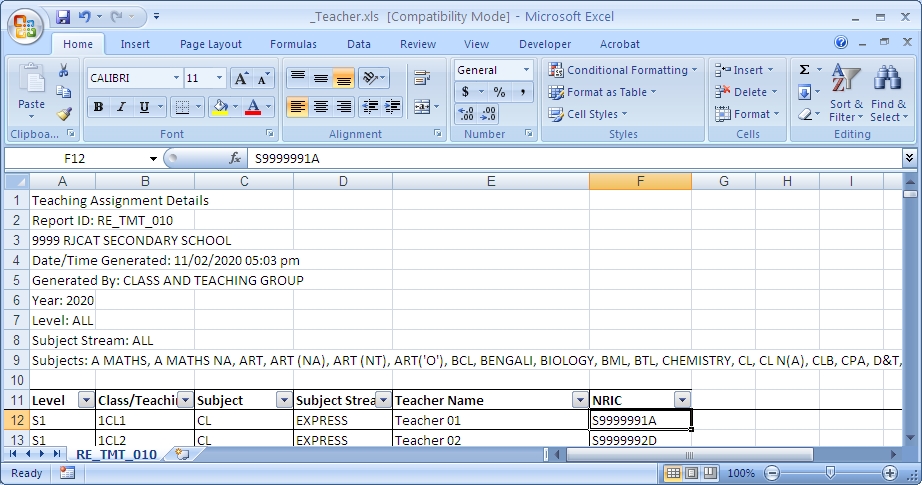
RE\_TMT\_010 : This is Teacher Teaching Group File. (Only one file for whole school)

Note: RE\_SDT\_009 and RE\_TMT\_010 can be loaded after target setting and BEFORE analyzing results.

**RE\_SDT\_009**

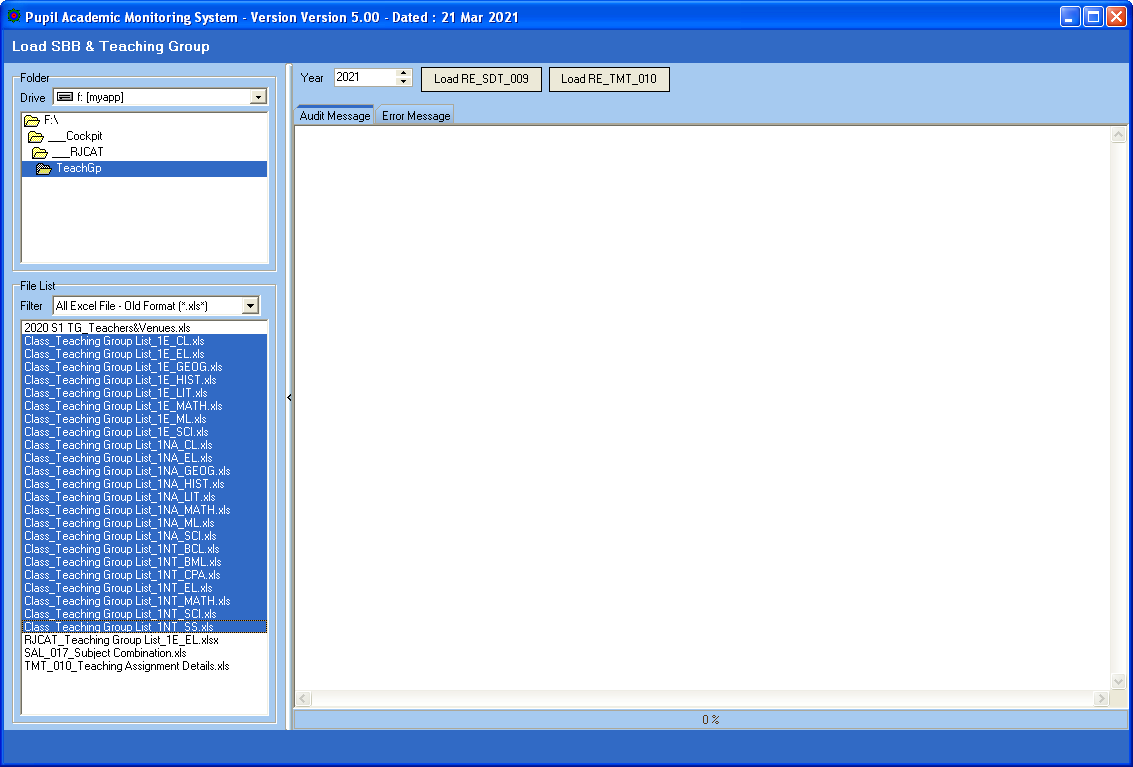


**RE\_TMT\_010**



## Loading RE\_SDT\_009 Files

This is the Pupil Subject Teaching Group



Click

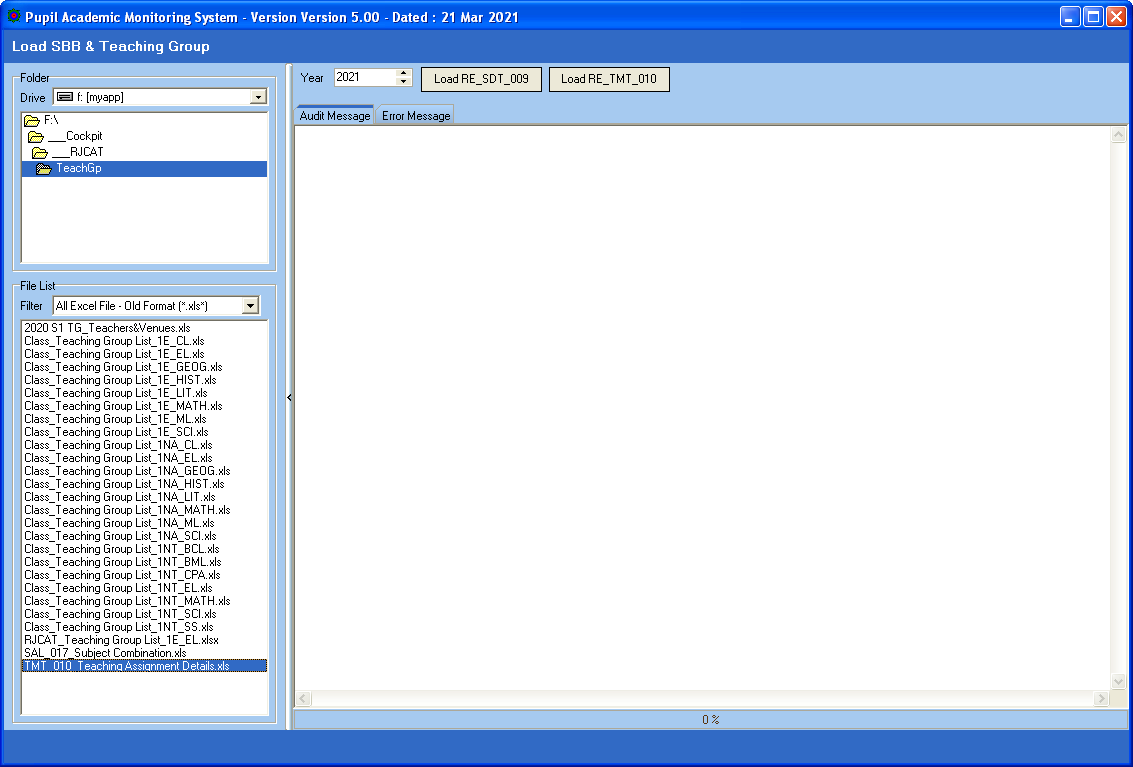
Load RE\_SDT\_009

Steps

* Select your Directory where you stored your Cockpit Excel Files
* Select the Teaching Group Files
* Click **Load RE\_SDT\_009** Button

## Loading RE\_TMT\_010 Files

This is the Teacher Teaching Group



Click

Load RE\_TMT\_010

Steps

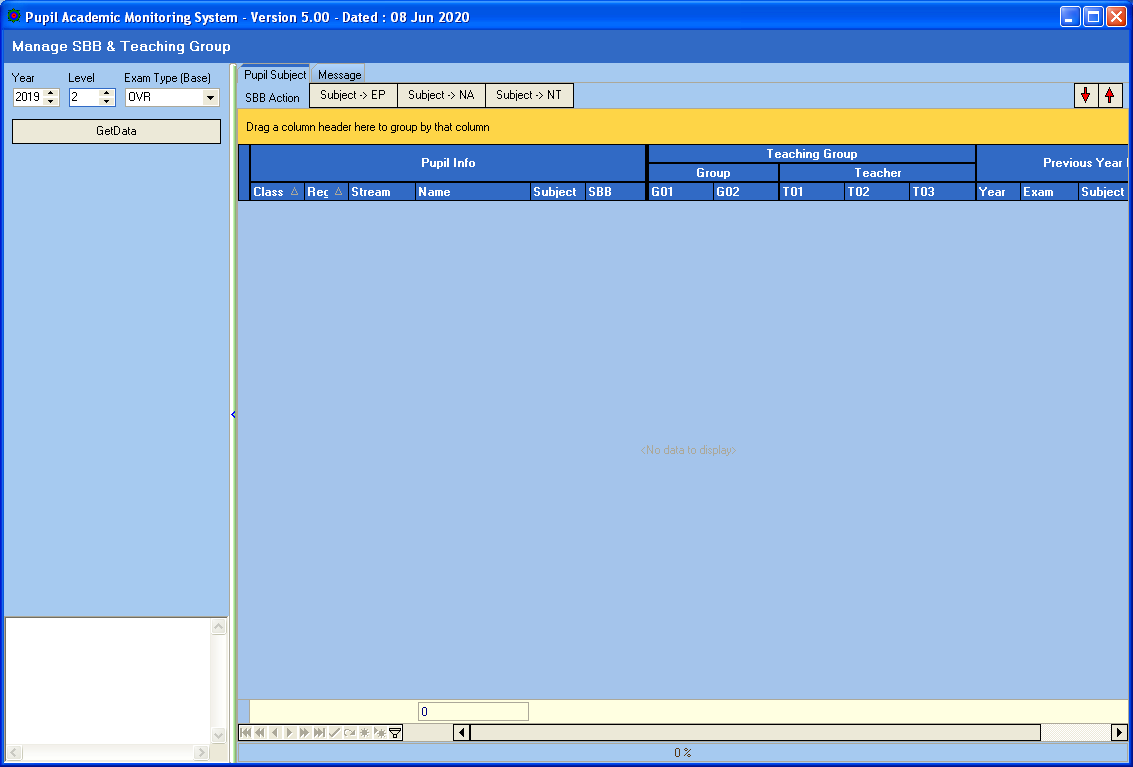
* Select your Directory where you stored your Cockpit Excel Files
* Select the Teaching Group File
* Click **Load RE\_TMT\_010** Button

**Warning: This will not work if your Teacher Allocation to Subject (Teaching Group) is not accurate.**

# Manage SBB and Teaching Group

Most of the SBB and Teaching group are handled by the LOAD function. However, if you need to change manually, you may do so here.

Menu Access: System Admin Menu || Manage SBB & Teaching Group



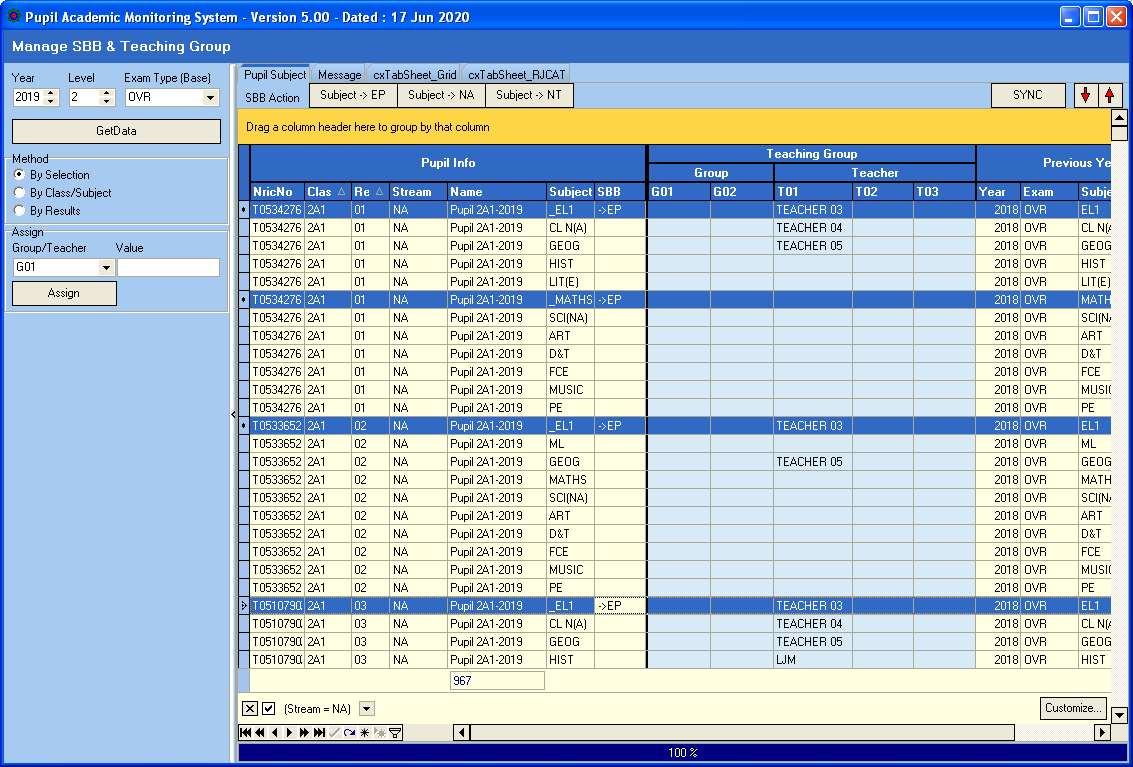
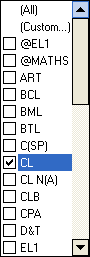
Steps

* Select Year
* Select Level
* Select Exam Type (Previous Year Results)
* Click Get Data button

## Features

The grid on the right panel has features like Sorting, Filtering and Pivoting

Manage SBB

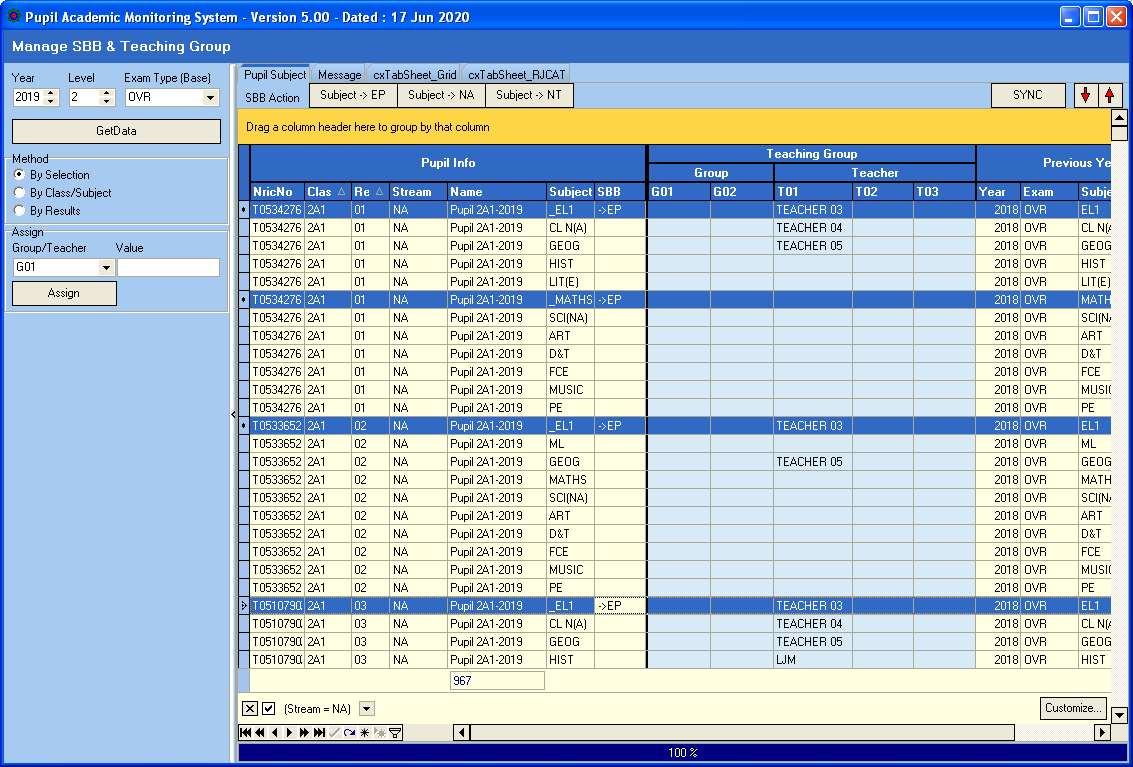


Drag any column to the Orange Panel to Pivot (Group) by the Column.

Move Cursor to column to Filter.

Previous Year Subject and Results

## Updating SBB Subject



Move Cursor to column to Filter.

Steps

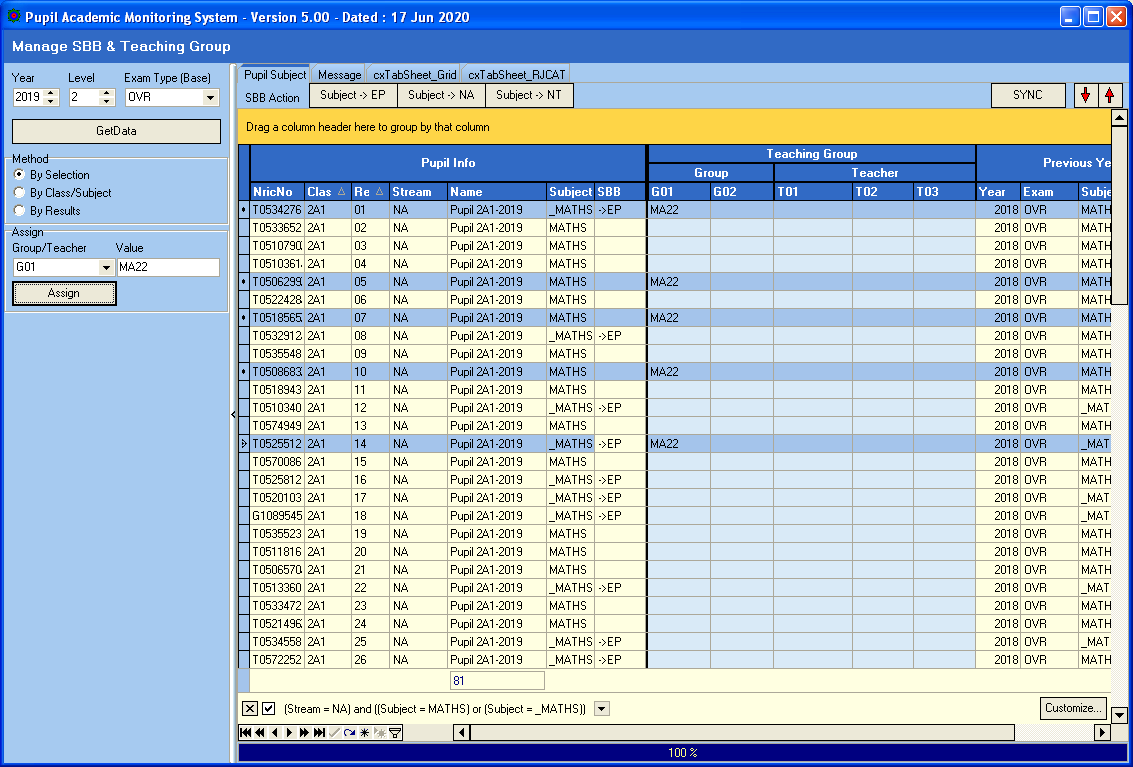
* Click Student (CTRL+Click)
* Click SBB Action Button (e.g. Subject->EP)

## Update Teaching Group/ Teachers

Most of the teaching group will be assigned during the “Load SBB & Teaching Group”.

However, if you need to change any record manually, you can do it here.

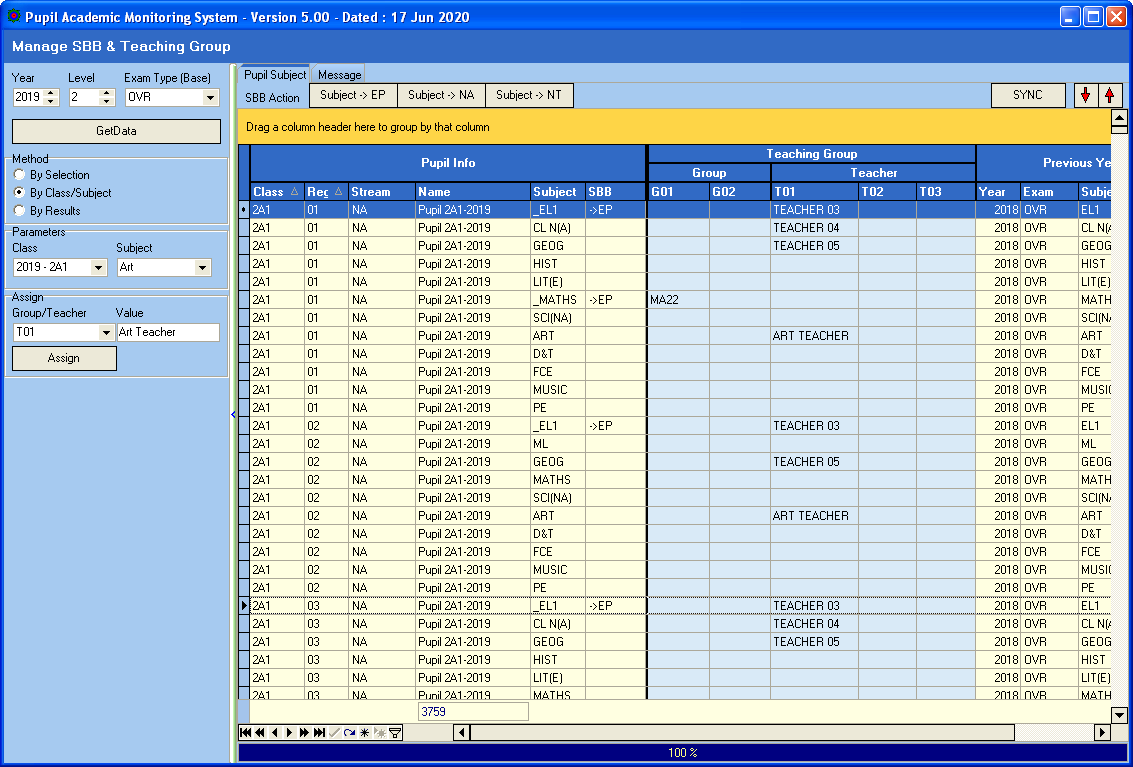
**By Selection**



Steps

* Click Method – By Selection
* Select Assign Group/Teacher (G01, G02, T01, T02 or T03)
* Enter the Value
* Select Students (Use CTRL+Click)
* Click Assign Button

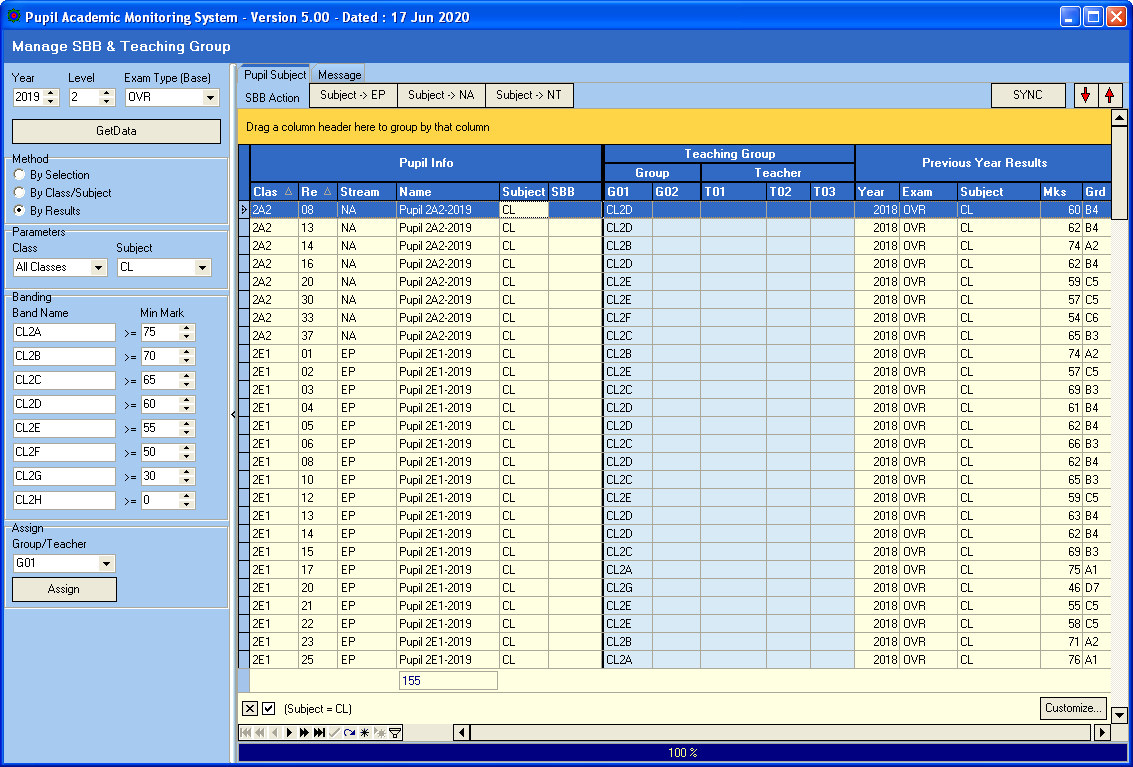
**By Class/Subject**



Steps

* Click Method – By Class/Subject
* Select Class and Subject
* Select Assign Group/Teacher (G01, G02, T01, T02 or T03)
* Enter the Value (e.g. Art Teacher)
* Click Assign Button

**By Results**



Click SYNC once you have finished updating all the teachers.

Steps

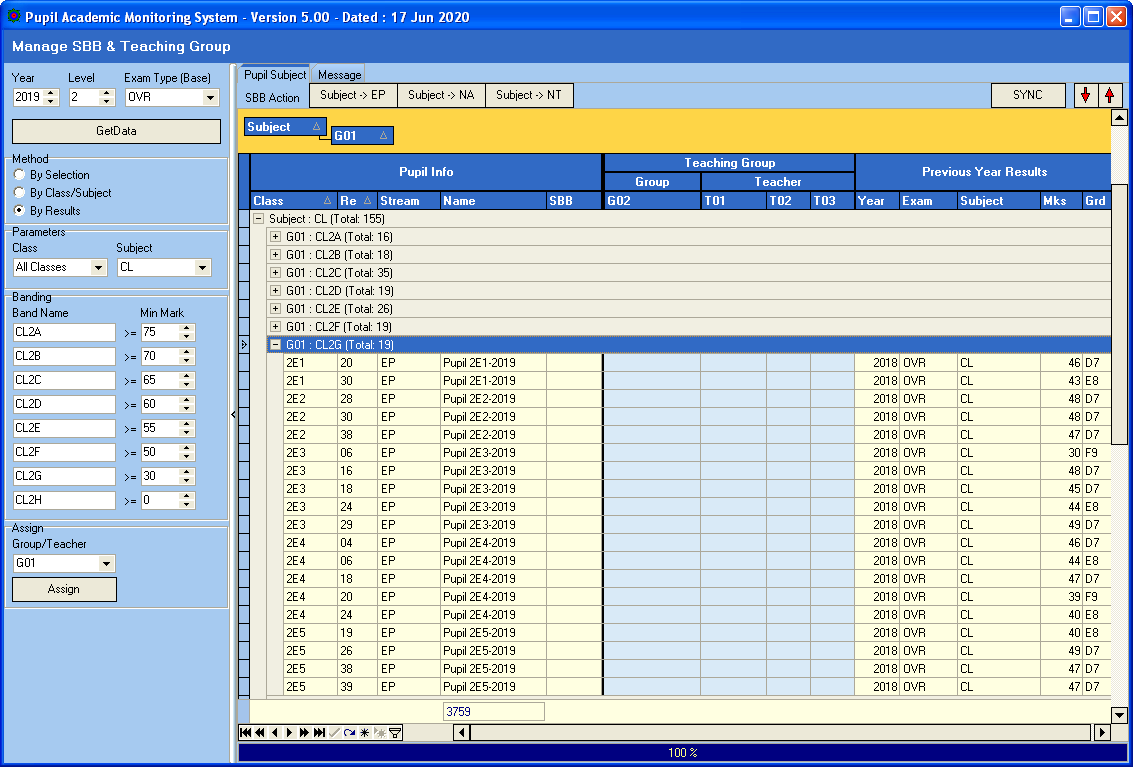
* Click Method – By Results
* Select Class and Subject
* Assign Band Names
* Select Assign Group/Teacher (G01, G02, T01, T02 or T03)
* Enter the Value
* Click Assign Button

Once you have finished Assigning Teachers, you will need to click **SYNC** to Update to Class-Subject Teachers. This will take quite a while.

**Review Summary**

You can GROUP, FILTERED and SORT to review the Allocation summary

GROUP

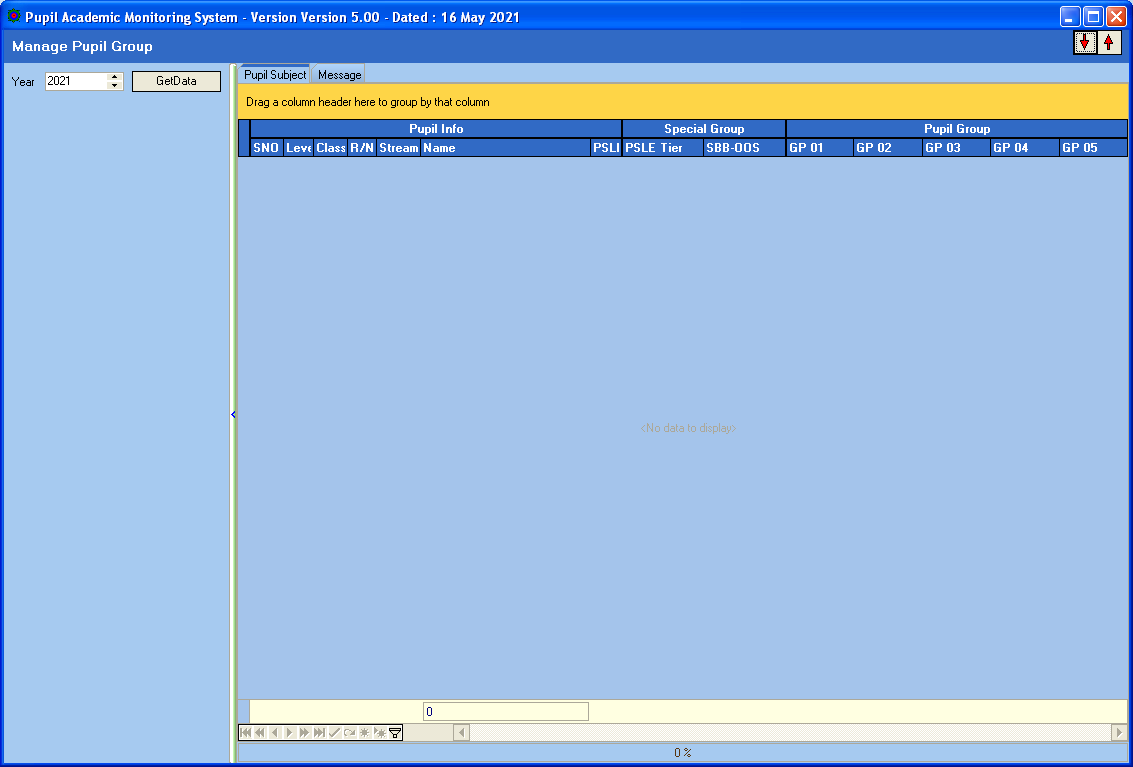


Expand and Collapse

# Manage Pupil Group

You may assign Groups (Up to 3 Groups) to Pupils regardless of Subjects offered to them. These Groups will remain with them throughout all the years. For example: DSA, Scholars etc.

Menu Access: System Admin Menu || Manage Pupil Group

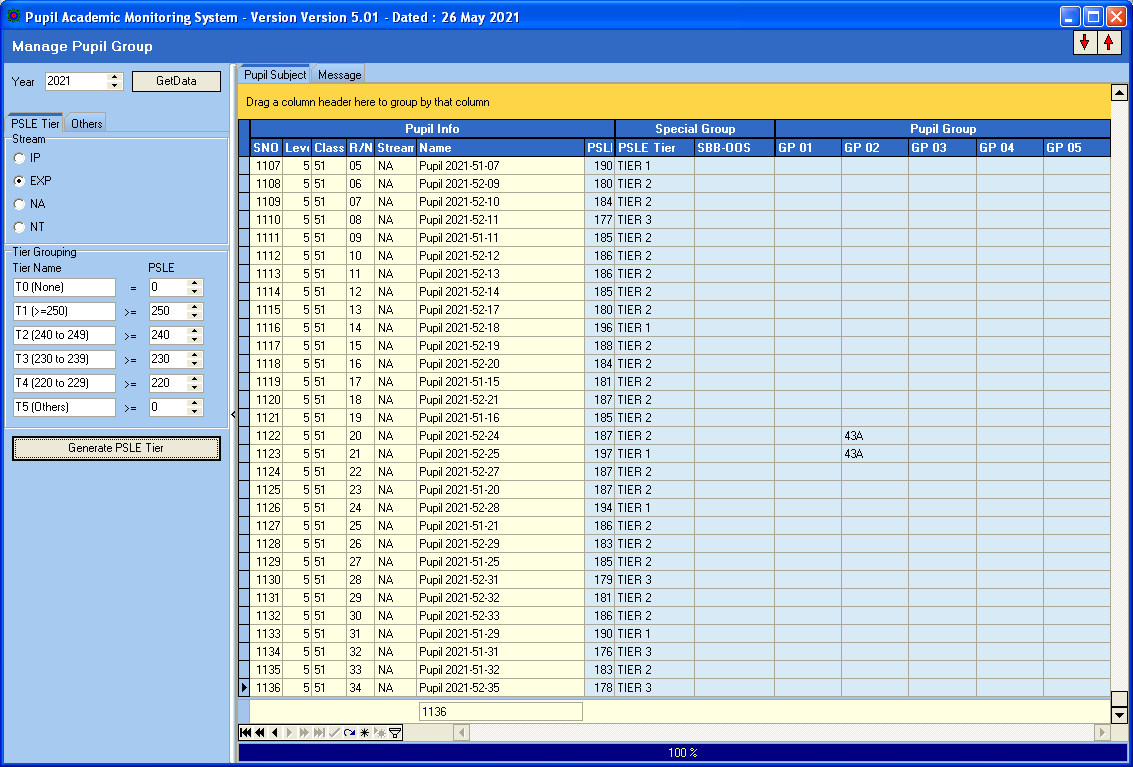


Steps

* Select Year
* Click Get Data button

## Assigning PSLE Tier

Now you can assign Pupils to PSLE Tiers Group according to their PSLE T/Scores or AL Scores. PAMS can analyze based on this Group. For example, Top PSLE Tier students who have not performed well.



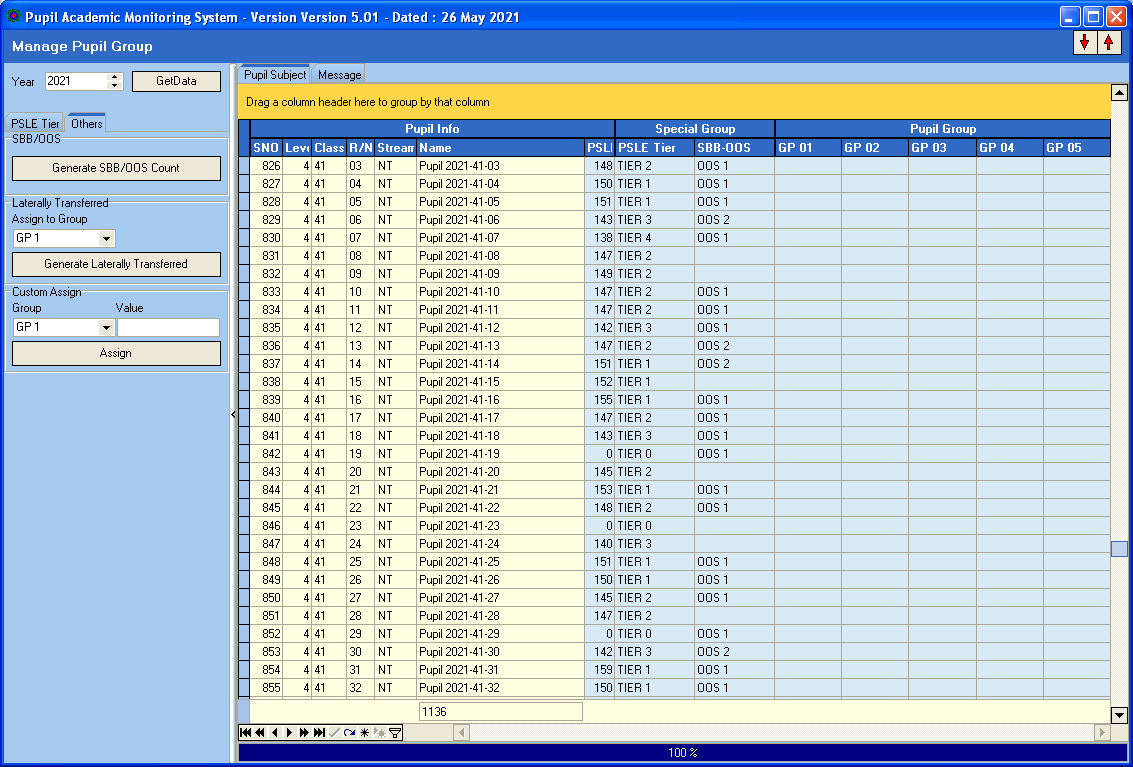
Click Generate PSLE Tier

Steps

* Select Stream
* Enter the Tier Name and PSLE Value
* Click Generate PSLE Tier

## Assigning SBB/OOS Count

Now you can assign Pupils SBB/OOS group based on the Number of SBB or OOS Subjects Offered. PAMS can analyze based on this Group. For example, students with 2 OOS who have not performed well.



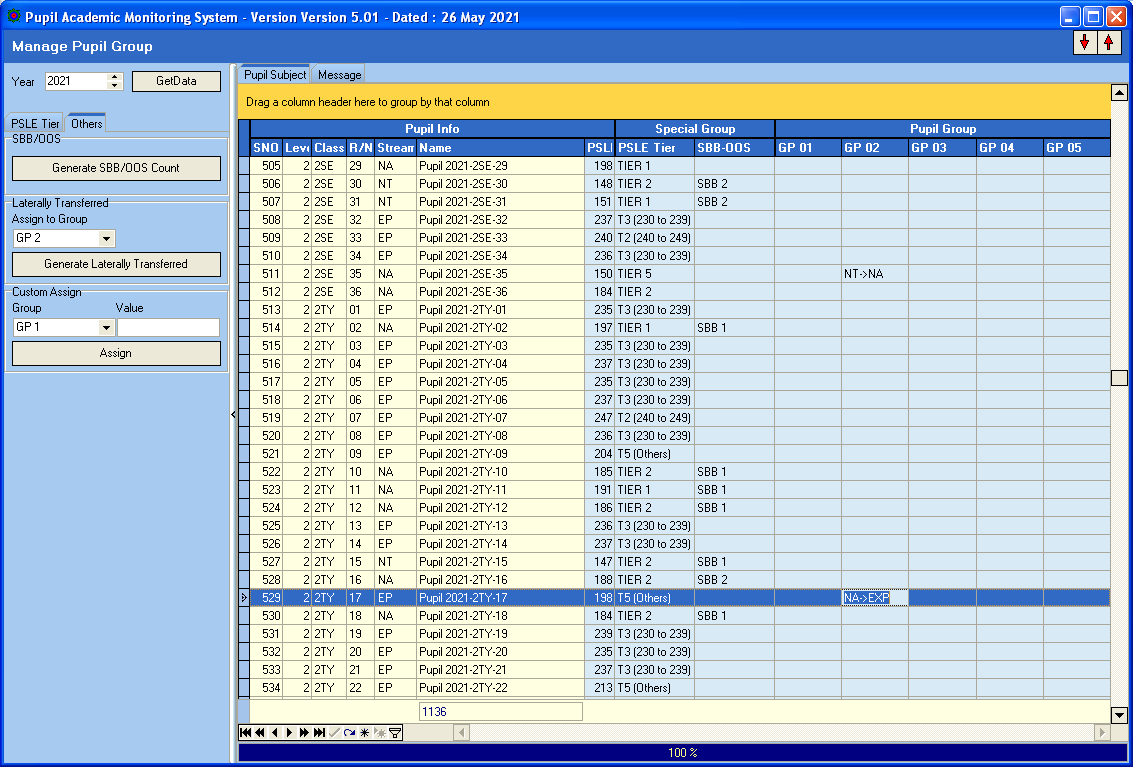
Click Generate SBB/OOS Count

Steps

* Click Generate SBB/OOS Count

## Assigning Laterally Transferred

Now you can assign Pupils who are Laterally Transferred and Analyze them.



Click Generate Laterally Transferred

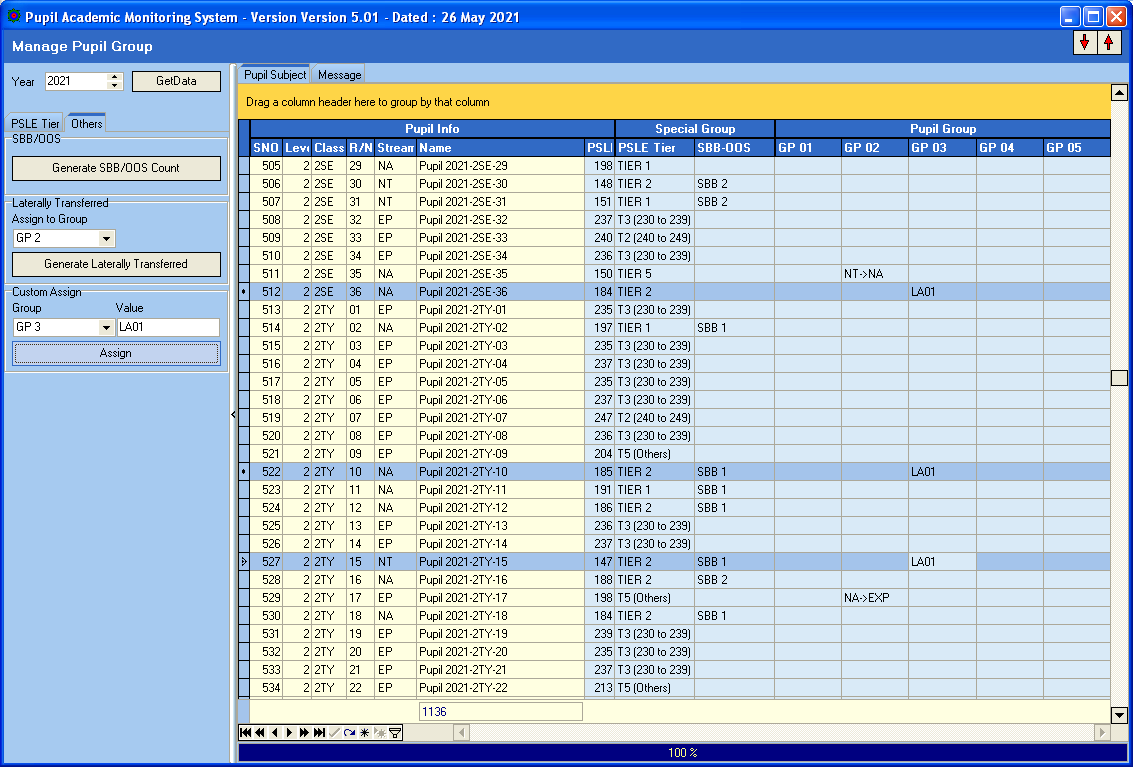
Steps

* Select Group No to Assign to
* Click Generate Laterally Transferred

## Assigning Group

In Addition, you can assign Pupils to Various Group (Up to 5 Groups) which you can analyze later.

For example: Learning Ability Group, DSA, Scholars etc.



Click Assign

Steps

* Select Assign Group (G01, G02, G03, G04 or Gp5)
* Enter the Value
* Select Students (Use CTRL+Click)
* Click Assign Button

# Check Subject Allocation List

After you have converted, you will need to check the subject allocated to the students to ensure that the allocation is correct and complete. You may print a copy to get the students to check.

Menu Access: Main Menu || Print Reports



Steps

* Select Pupil Tab
* Select Subject Allocation List
* Select Criteria (Level and Stream)
* Click OK Button

# Check Subject Grading Scheme

Menu Access: System Admin Menu || Subject Grading Scheme



This is NA

This is Express

Steps

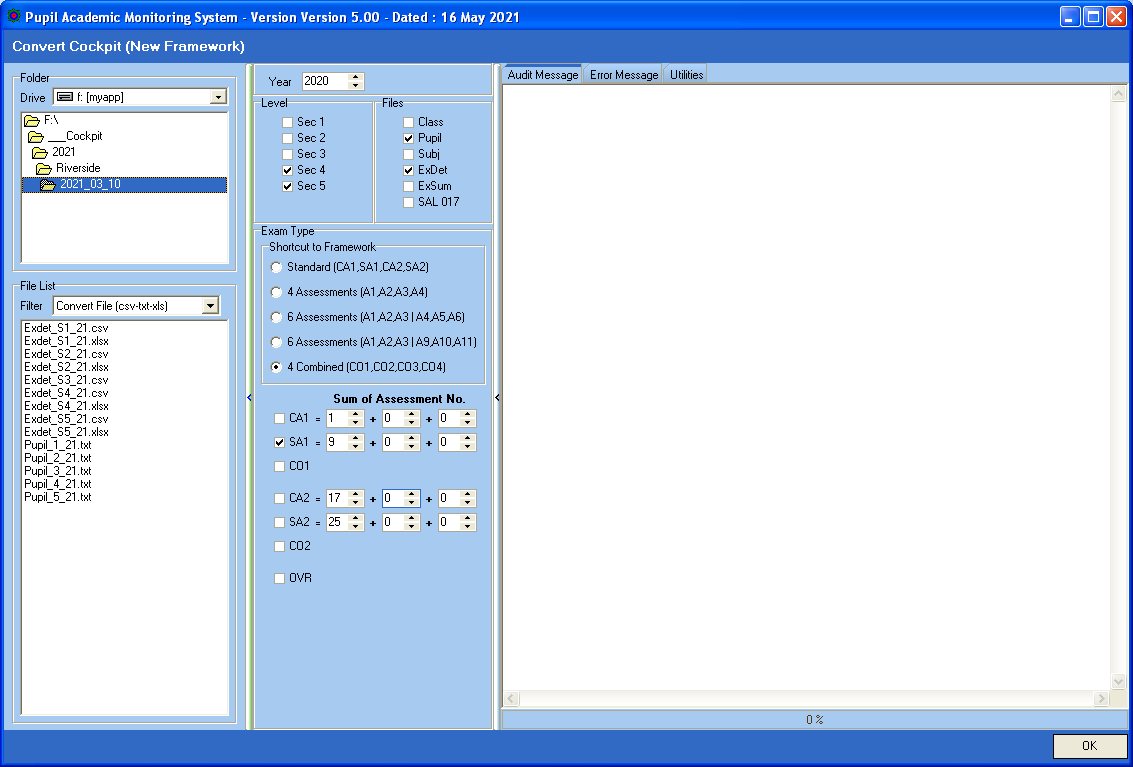
* Select Subject
* Check the Cat (Category) and Grading Scheme especially for Cross-Stream Subjects and the necessary changes accordingly
* Click another record to save

# Convert Cockpit Data

You only need to export the following files from School Cockpit:

* Pupil (Text File)
* ExDet (CSV File)

Menu Access: System Admin Menu || Convert Cockpit (New Framework)



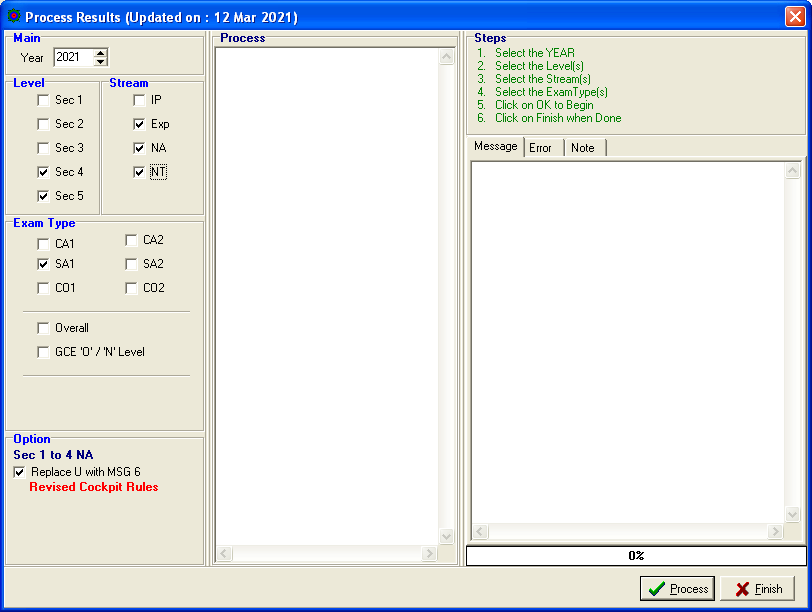
Enter the correct Assessment Number for CA1, SA1, CA2 and SA2.

Steps

* Select your Directory where you stored your Cockpit Text Files
* Select Level
* Select the Files to be Converted
* Select the Exam Type to convert and enter the correct Assessment No.
* Click OK Button

# Process Results

Menu Access: System Admin Menu || Process Results



Steps

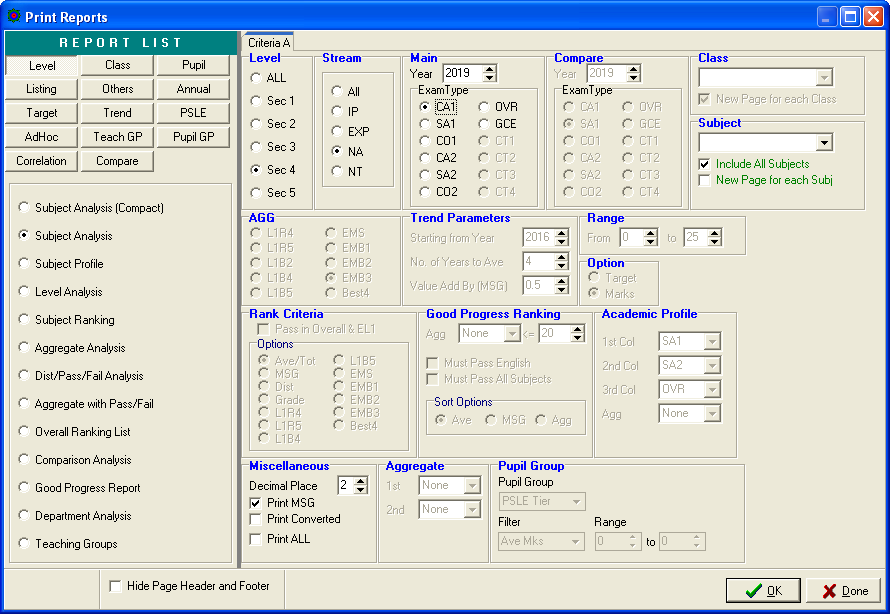
* Select Level and Stream
* Select ExamType
* Click Process Button

Note: You may check the Results via VIEW Results.

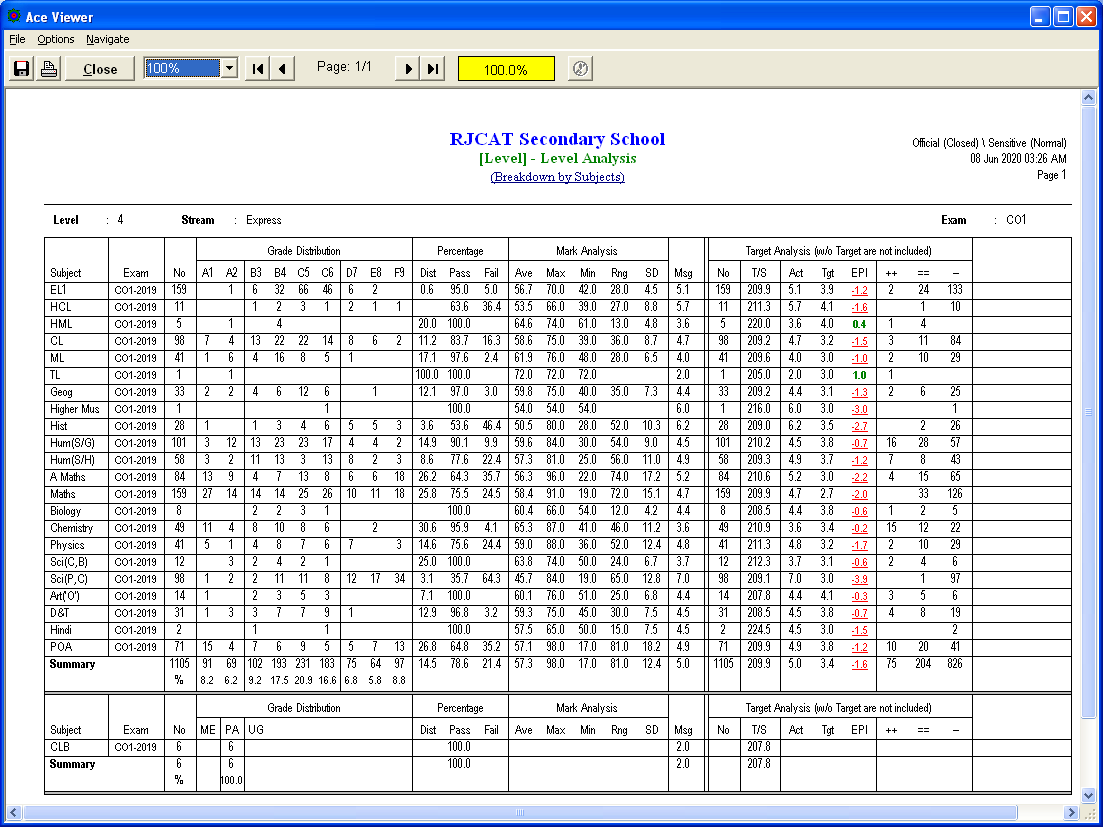
# Print Reports

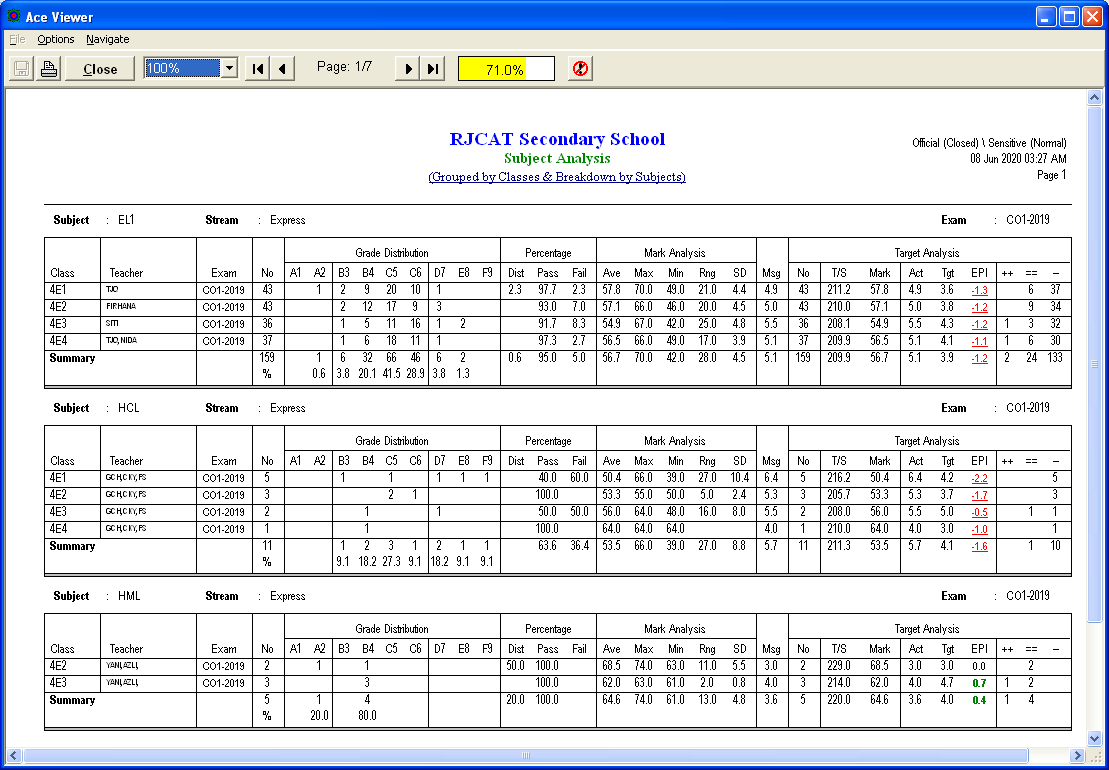
There are some key reports which are informative.

## Level Analysis

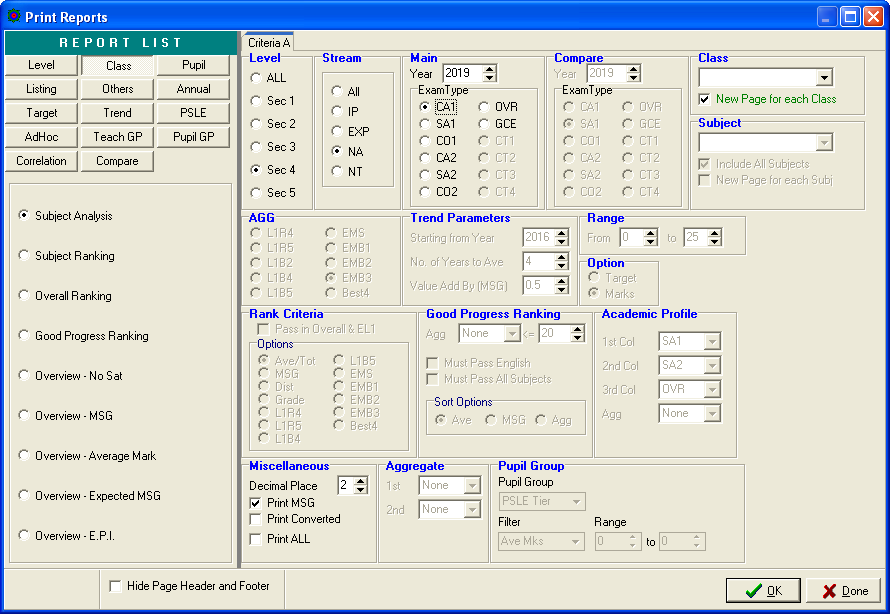


**Sample**



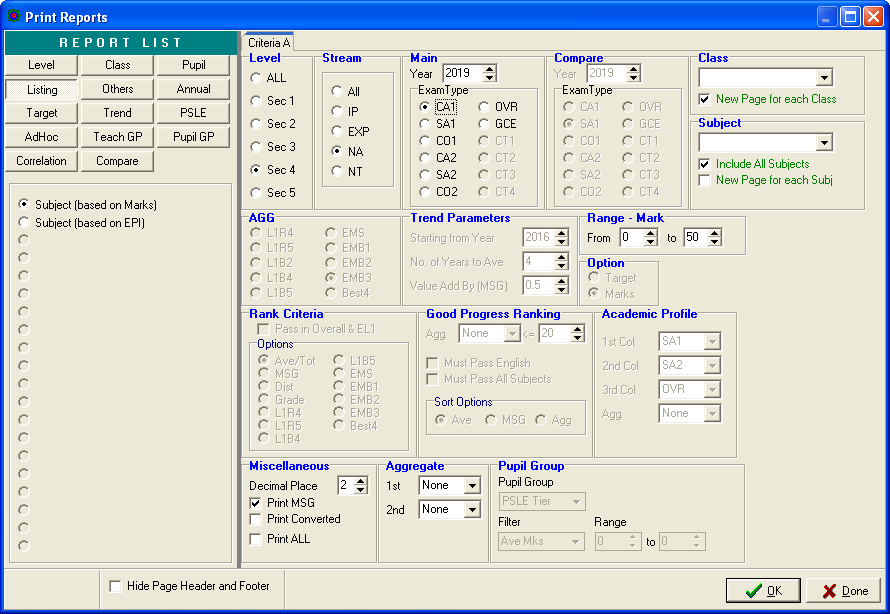


## Class Analysis

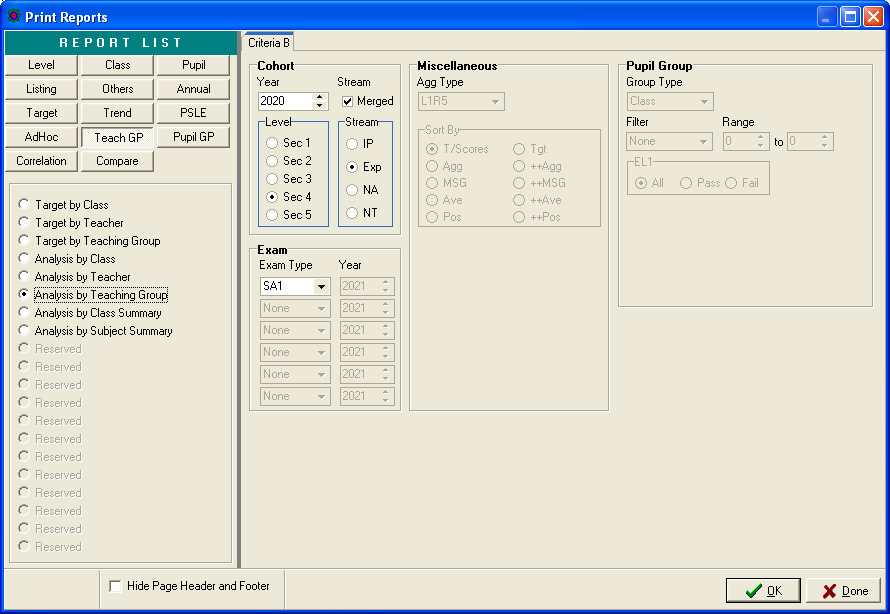


## Listing

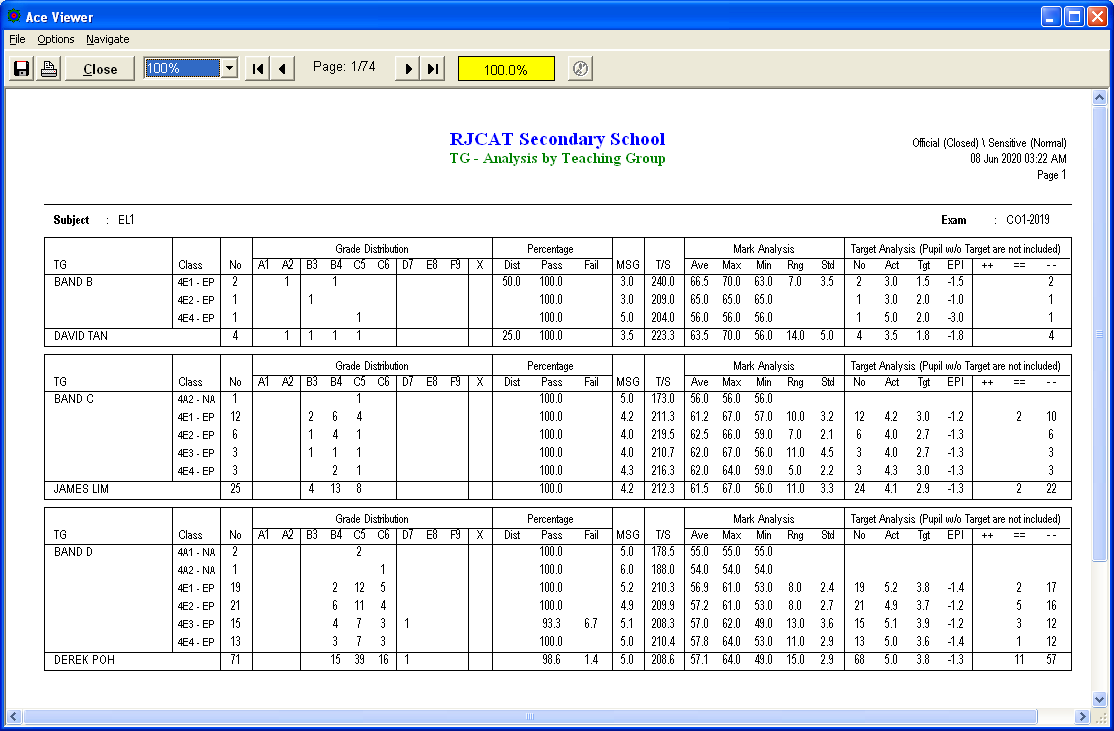
Students who did not meet targets



## Teach Gp (NEW)



**Sample**



## Pupil GP (NEW)

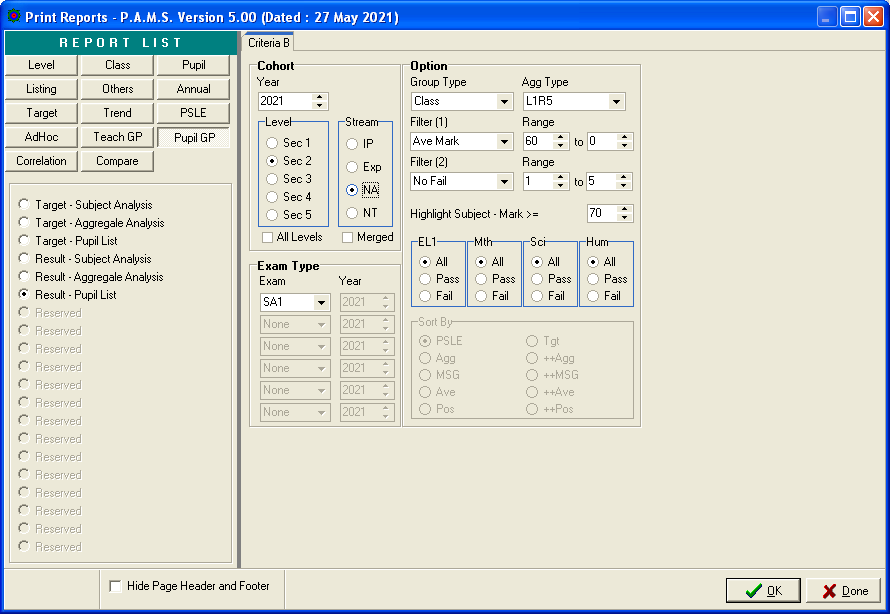
This is a new set of reports. You can analyze by PSLE Tier, OOS/SBB, Pupil Groups defined and Class.

In addition, you can filter out students based on criteria such as AVE Mks, EPI, Subject Passes, Aggregate etc.

For example:

Top Students (PSLE Tier) with L1R5 Greater than 20 (as illustrate below)

Please explore ….



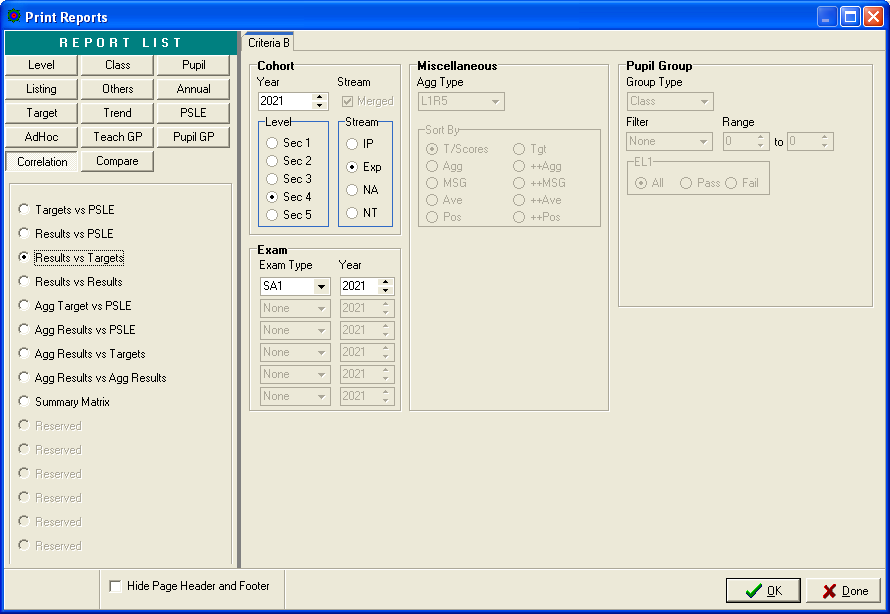
Different possible combinations

Hints:

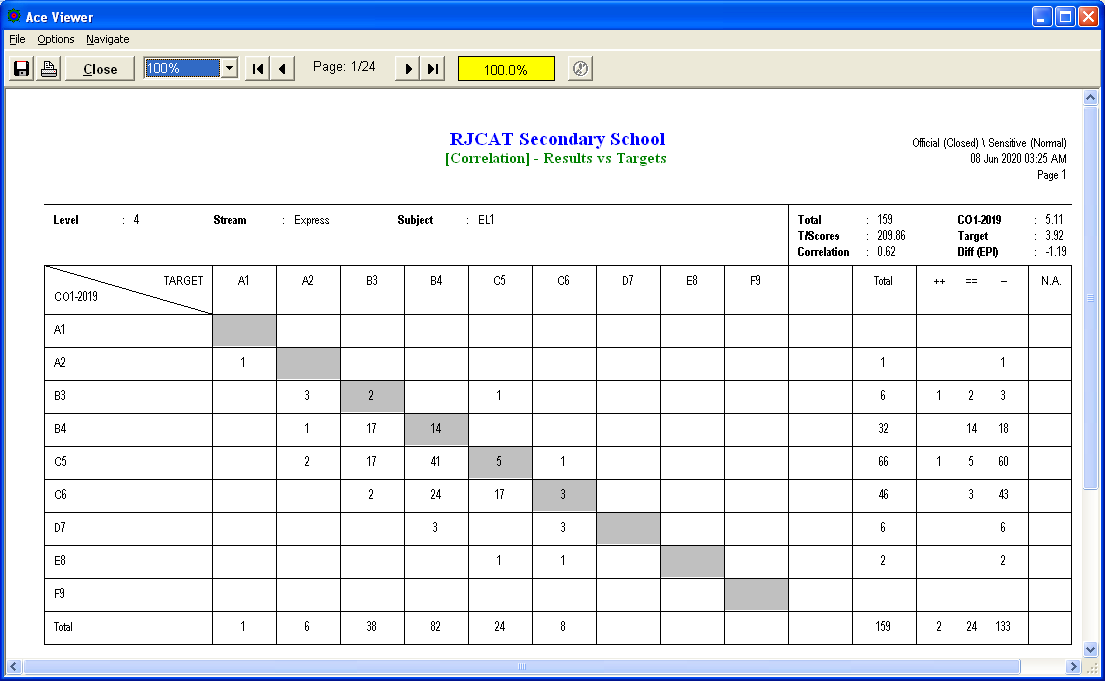
For SBB Insert

* Filter (1) Ave Mks>60
* Highlight Subject Mark >=70

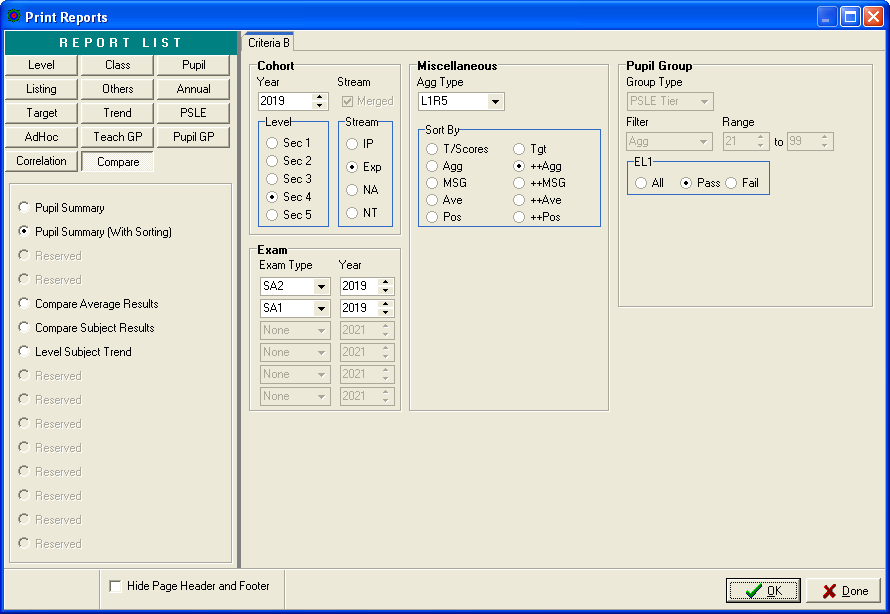
## Correlation (Revised)



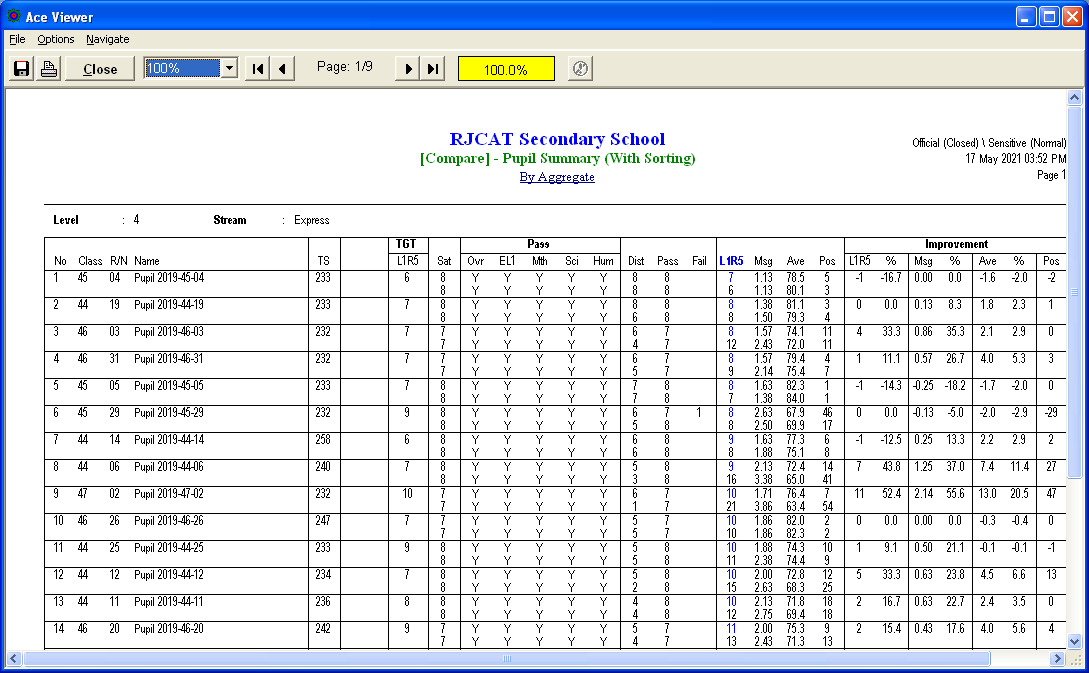
**Sample**



## Compare (Revised)



Best Performance based on L1R5



Most Improvement based on L1R5

