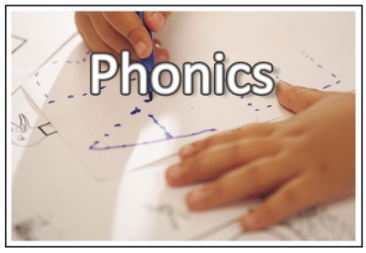

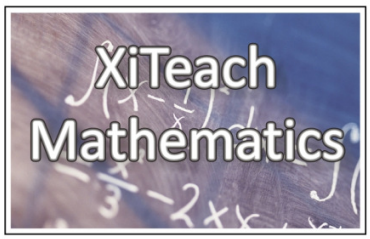

EDUSS® XiTeach Maths, English & Phonics. Online User Manual

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Please Note:

The following instructions are valid for the Maths, English and the Phonics Programs. All of the programs work from the same Database, making reporting and user access easy.

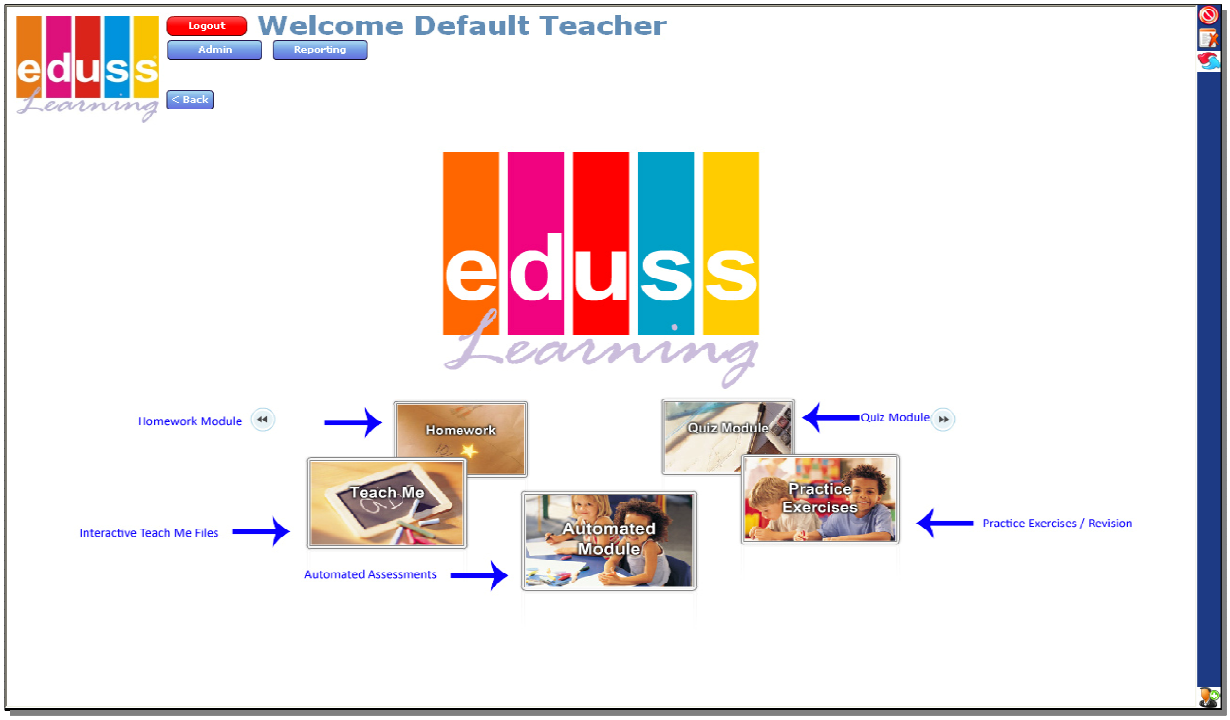
Getting Started

1. Upon completing your purchase of your online XiTeach Subscription you will receive all your account and login details via email.
2. This email will include the following:
    a. URL for your account
    b. Generic Login Details
3. To get started please click on the link to your URL (it will look something like this: **http://203.175.168.41/hometutor/EdussOnline.html**

How Eduss Works

Maths, English and Phonics MAIN MENU

XiTeach Maths MENU



Tests and Evaluates

EDUSS will test and evaluate the student's understanding of mathematics, English and phonics for his/her specific year level. The system is flexible and allows for the selection of test parameters, subject topics and pass rates.

The first 3-Dimensional evaluation engine!

EDUSS will accurately identify which areas of mathematics, English and phonics are understood and more importantly, which skills need to be improved.

Shows Problem Areas

Specific problem areas are pin-pointed, and can be addressed immediately. Topic areas requiring a little more work are also identified.
This benefits the student by automatically targeting and teaching problem areas.

Sets Learning Schedule

EDUSS will compile a personal learning schedule for the student, addressing the problem areas highlighted by the automated evaluation test.
This benefits the student by setting a step-by-step schedule for him/her to follow. This also benefits teachers, by giving a step-by-step report on how each of the students is progressing individually.

Step-by-step Teaching

Using a combination of visual and audio aids and fully interactive exercises, EDUSS will take the student step-by-step through his/her learning schedule, until they attain the level of competency desired.

EDUSS will also introduce the student to new concepts as they progress through the system.

Interactive Exercises

The program provides fully interactive audio and visual exercises until the pass level is reached. This facility can also be used for the introduction of new concepts.

Summary Reports

EDUSS produces a fully summarised evaluation report, categorised by score or module, from weak to strong areas. Reports can be viewed on screen or printed as required.
These detailed summary reports keep teachers up to date on their students' progress.

Quick Start Guide

The System in Summary:

To start, the parent takes on the role of the teacher (Default Teacher). The child is seen as a student, and completes the work that is set for him/her by the teacher, as well as additional practice or help exercises. The teacher is able to keep track of student progress, through the reporting module. Below, the roles of the various users are summarized.

Administration

Adding a Student:

The system has the ability to have students and teachers in the system. Teachers/Parents organize the assessment, homework and quiz modules for the students and check the reports. Students have access to all the practice exercises and teach me files and can launch any of the assessments.

The different levels (types) of users are:

1. Teacher/Parent
2. Student

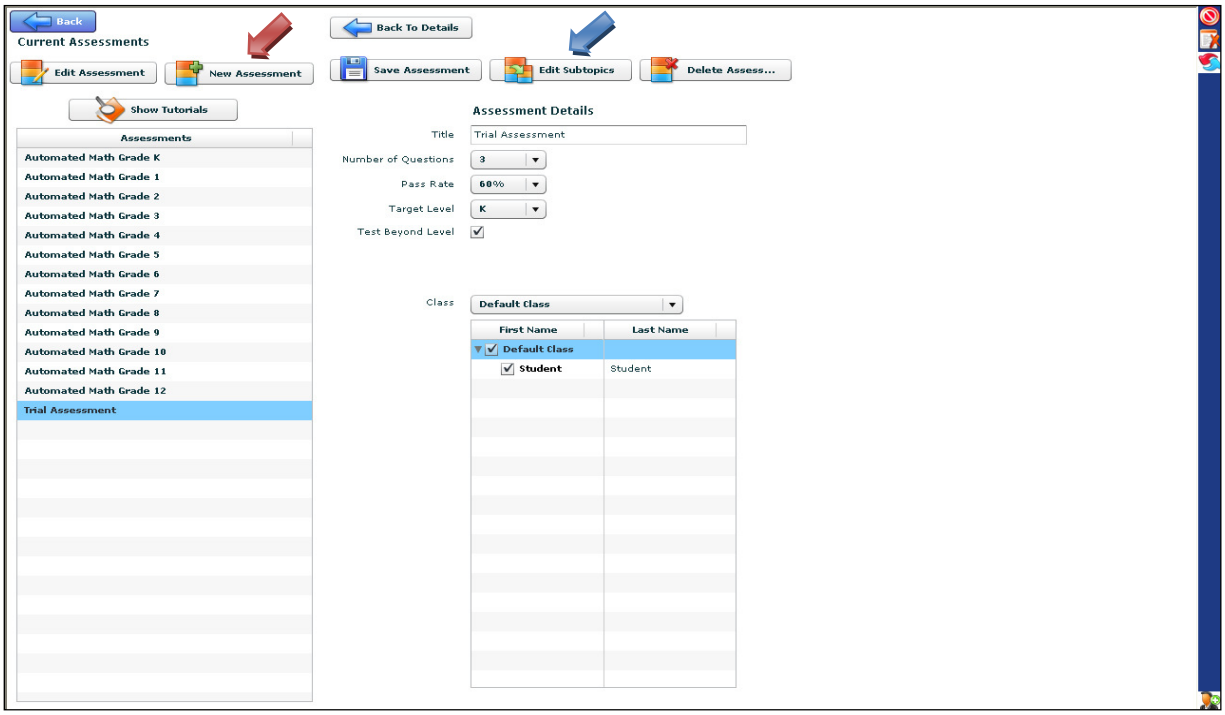
Automated Module

Setting an assessment:

This is the module with the automated 3-D assessment engine. An automated assessment can be set for each student. The Teacher/Parent sets the Automated Module for the Students/Children. The Automated Module will identify at what level the student has missed specific concepts. The system will use this assessment to set a learning schedule for each student. This module will also test and evaluate the student's understanding of mathematics for his/her specific year level. You can also set the test parameters, subject topics and pass rates.

To set an assessment, log in as a Teacher/Parent and open the Automated Module section. Click on the "**New Assessment**" button (red arrow). Next you must fill in all the fields for the Assessment and tick "**Test Beyond Level**" if you would like the program to track the student's/children's progress above and beyond the year level set. Next Click on the "**Edit Subtopics**" button (blue arrow).

Next you will see the curriculum strands. You can now customize your own assessment by clicking in the boxes next to the topics that you would like the student to be assessed in. When you have finished click "**Save Sub Topics**" at the top of the screen. Then click "**Save Assessment**" at the top of the screen to complete the setup.



Starting the Assessment:

To start the assessment, the student can log into the program using his/her personal login and open the Mathematics, then open the Automated Module and click on the assessment title set. To begin the Assessment, the student simply clicks on the "**Next Exercise**" Button.

The EDUSS system uses a 3-D evaluation engine. This will first determine if the student is failing because of a data entry error (wrong buttons). Next the system will restructure questions where appropriate, to make sure the student understands what is being asked, and finally the system will take the student all the way back to where he/she missed the specific concept.

The assessment will now start, with the program systematically going through the selected topics and sub-topics. You will see that the answers are not marked during the assessment. This is specifically done to emulate a test situation as well as not to discourage the students when they get an answer wrong. The system will automatically go to the next question. In the assessment module there are no worked examples or teaching sections. These will be activated once the system starts with the automated learning schedule.

Completing the Assessment:

Once the student has completed the assessment a screen will appear stating: This assessment is complete. A tutorial has been set. Click "**OK**".

The program determines whether or not the student needs assistance with the topics set in that particular assessment.
If the student requires assistance, the system sets an automated learning schedule (Assessment Tutorial), based on the individual student's requirements. The system will set exercises at the level where the student missed a specific concept and bring him/her all the way forward, covering every brick in the wall.
Once the student has completed this process we know that there are no more holes in the wall. To continue to the next module, (the Assessment Tutorial) the student clicks on the "**Show Tutorials**" Button and then on the specific tutorial in the list below.

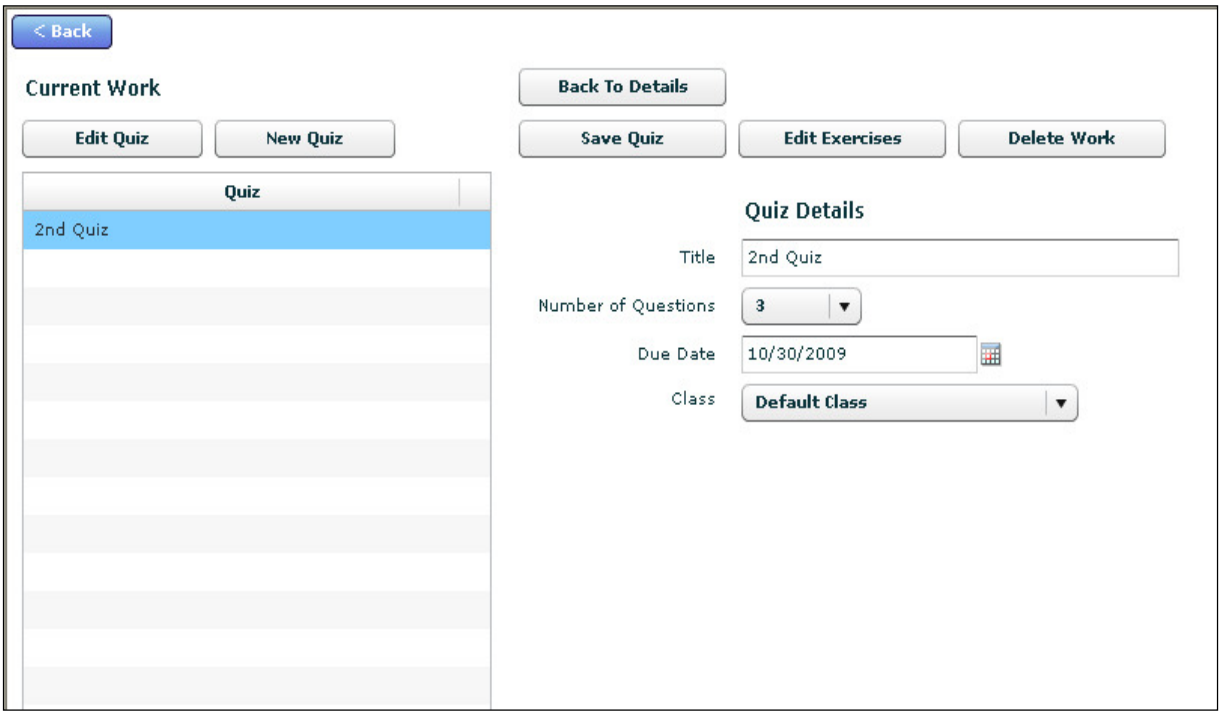
The system will now start with the first exercise and step-by-step go through each level and concept of that specific sub-topic. The starting point is from where the problem was identified, going forward to the required level. You will see that the answers are now marked and scored. If the student gets an answer wrong, the system will indicate where the student went wrong and illustrate the complete correct answer.

If students struggle with an exercise they can click on the "**Worked Example**" button and view an unlimited number of worked examples of this specific exercise. When they feel they understand and know how to do the exercise they can click on the "**Next**" button. For more detailed teaching they can click on the "**Help**" button for a complete teaching section on each topic and sub-topic. When the students work their way back to the set year level, the program will show a report card and move on to the next topic.
When the student exits the program he/she will go back to the screen where the Assessments/Tutorials where opened. Note how the system has brought the student through the tutoring schedule. The subtopics indicated in green show that the student has reached the correct level, the subtopics in white show that the system is still in progress and the subtopics in red show exercises that have been skipped or failed. For a paper version of the tutorials click on the "Print Tutorial" button at the top of the screen.

Quiz Module

Setting a Quiz Module Tutorial:

The Quiz Module is again set by the Teacher/Parent.
The Quiz Module Tutor enables a student to be assessed on particular topics. This module will test and evaluate the students' understanding of mathematics for his/her specified year level.
To set it up, click on the Quiz Module button and once in click on the "**New Quiz**" button. Fill in the details on the right and click "**Save Quiz**" Now click on "**Edit Exercises"** Click and drag the exercises with the year level shown to the right hand column or click on them one at a time and click the right arrow "**>**". Once complete click on the "**Save Exercises**" button on the bottom right.



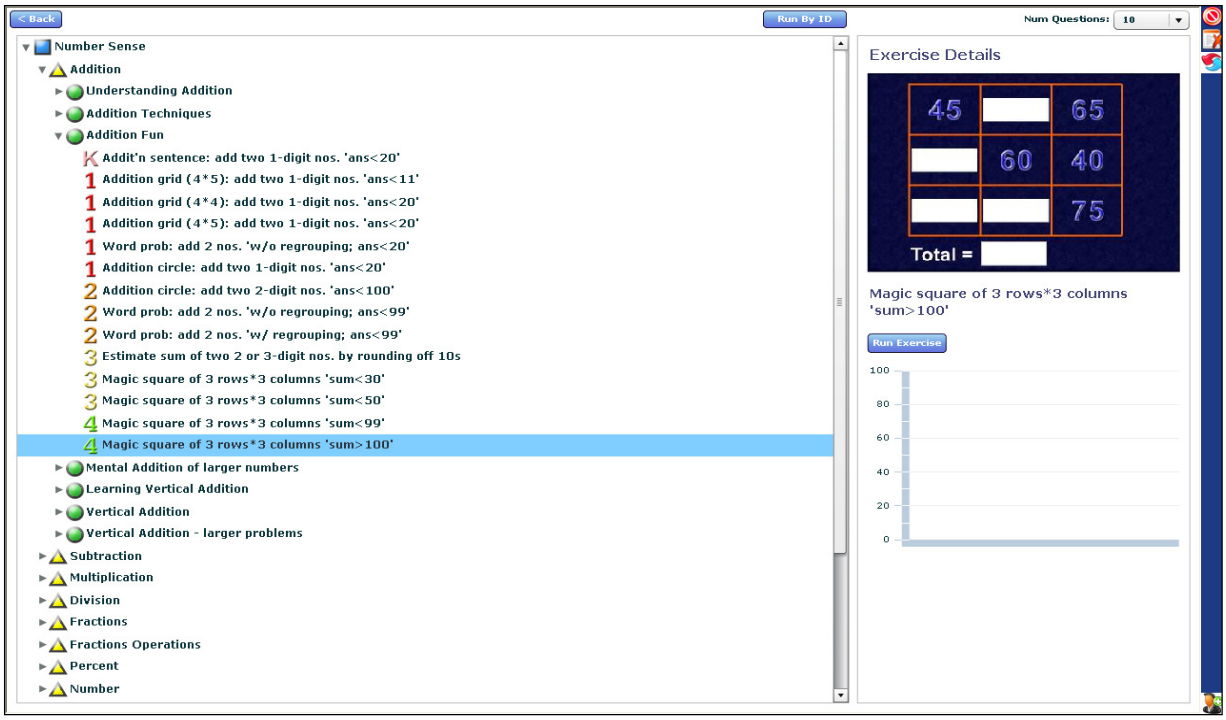
To start the quiz, the student can click on the specific quiz. The quiz strands and topics that were selected can be seen on the right hand side of the screen. You can click on the "▶"sign next to the subtopic names to view a mini report that shows the students progress for that particular subtopic. All the student now does to start or continue with a tutorial is click on the "**Next Exercise**" button on the top of the screen.

The tutorial will now start, with the program systematically going through the selected topics and sub-topics. You will see that the answers are now marked and scored. If the student gets an answer wrong, the system will indicate where the student went wrong and illustrate the complete correct answer.

Practice Exercises

Using Practice Exercises:

This module is accessible directly from the student's login. To begin, select an exercise simply by clicking on the name of the desired exercise. The exercise will load and will give the student five random questions in the specific year level and range.



Using Practice Exercises:

You can view the exercises for all year levels in each topic or sub-topic by clicking on the topic or sub-topic name. You can now see all the exercises on the right with their year level indicator. To select an exercise, just click on the name of the exercise you want to do.

Using Practice Exercises:

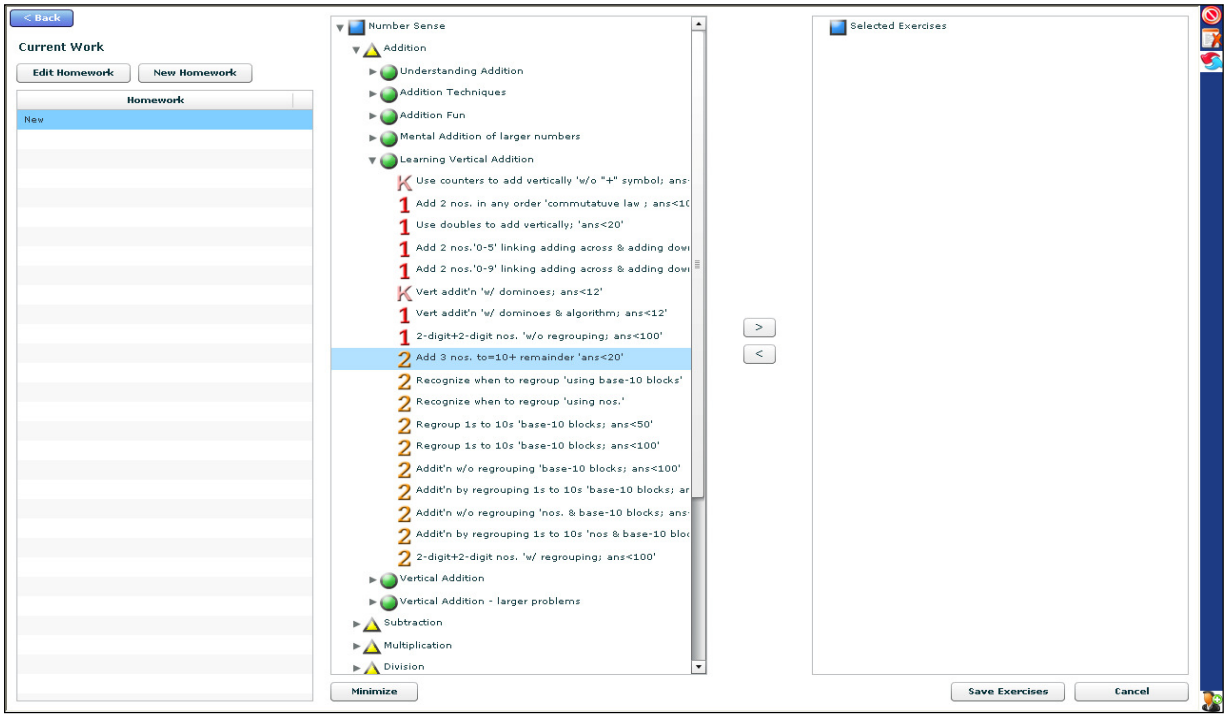
The system will randomly generate an exercise within a specified number range. You will see that the answers are marked to show the student where he/she is going wrong. If the student gets the answer wrong, the program will indicate where the student went wrong and show the complete correct answer. If the student struggles with an exercise, he/she can click on the "**Worked Example**" button and look at an unlimited number of worked examples of the specific exercise.

When the student knows how to do the exercise, he/she can click on the "**Next**" button. For more detailed teaching, the student can click on the "**Help**" button for a complete teaching section on each topic and sub-topic.

Homework Module

Setting Homework - <u>Only a teacher or Admin user can set homework.</u>

To set homework, click on the "**Homework**" button on the main screen. Once in, click on the "**New Homework**" button at the top of the screen. Give the homework a title, set the number of questions and the due date. Next, click on the "**Save Homework**" button. Now to add the content to the homework, click on the "**Edit Exercises**" button. This will give you the split screen where you can click on the exercise on the left and click the "**>**" button in the middle to add the exercise to the current homework (you can also drag the exercises directly by clicking on them and select multiple exercises by holding down the "Ctrl" or "Shift" key). Once you have finished adding work click on the "Save Exercises" button at the bottom of the screen.



Doing Homework:

Once students go into the homework module they will be able to choose from the list of homework that has been set. They can see the title as well as the due date for the homework. Students now start by clicking on the title of each exercise.

Doing Homework Exercises:

The program will randomly generate exercises for each selection. The answers are marked to give immediate feedback. If the student gets an answer wrong, the system will indicate where the student went wrong and show the correct answer. The advantage of the system is that each student gets different homework and therefore cannot copy another student's work. If

the student struggle's with an exercise, they can click on the "**Worked Examples**" button and look at an unlimited number of worked examples of the exercise type. When they feel they know how to do the exercise they can click on the "**Next**" button. For more detailed teaching, students can click on the "**Help**" button for a complete teaching section on each topic and sub-topic.

Progress Homework Results:

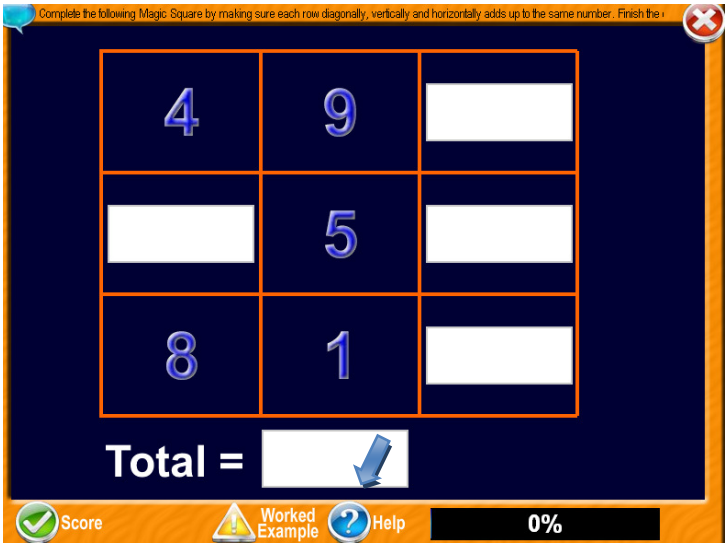
As students complete the homework, the score that they achieved is displayed on the right. Students can repeat the same exercise to improve their score. This is not discouraged as students learn in the process. Also, through repetition, learnt concepts are reinforced. You can also clearly see where a student is struggling or where a student has not completed the work.

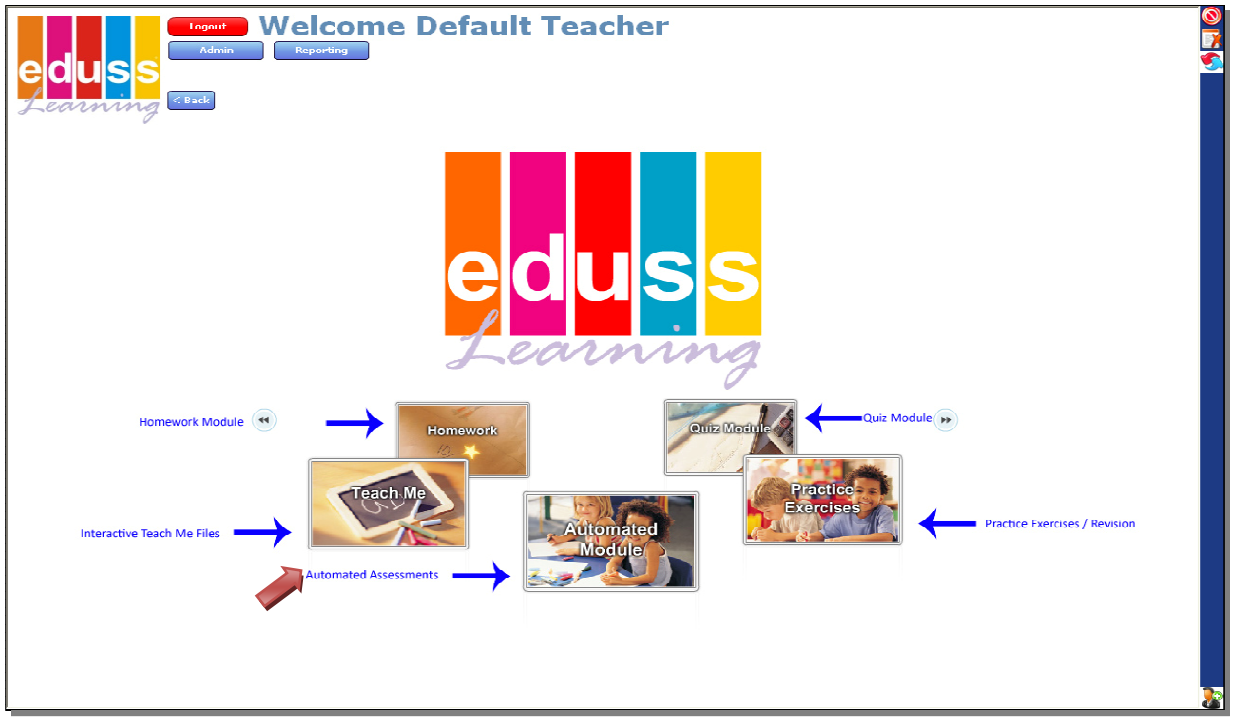
Teaching Module

Using the Teaching Module:

The teaching section can be accessed from two locations. The first is in every exercise, where the student can click on the "**Help**" button and the system will load the teaching files relevant to that specific concept (blue arrow).

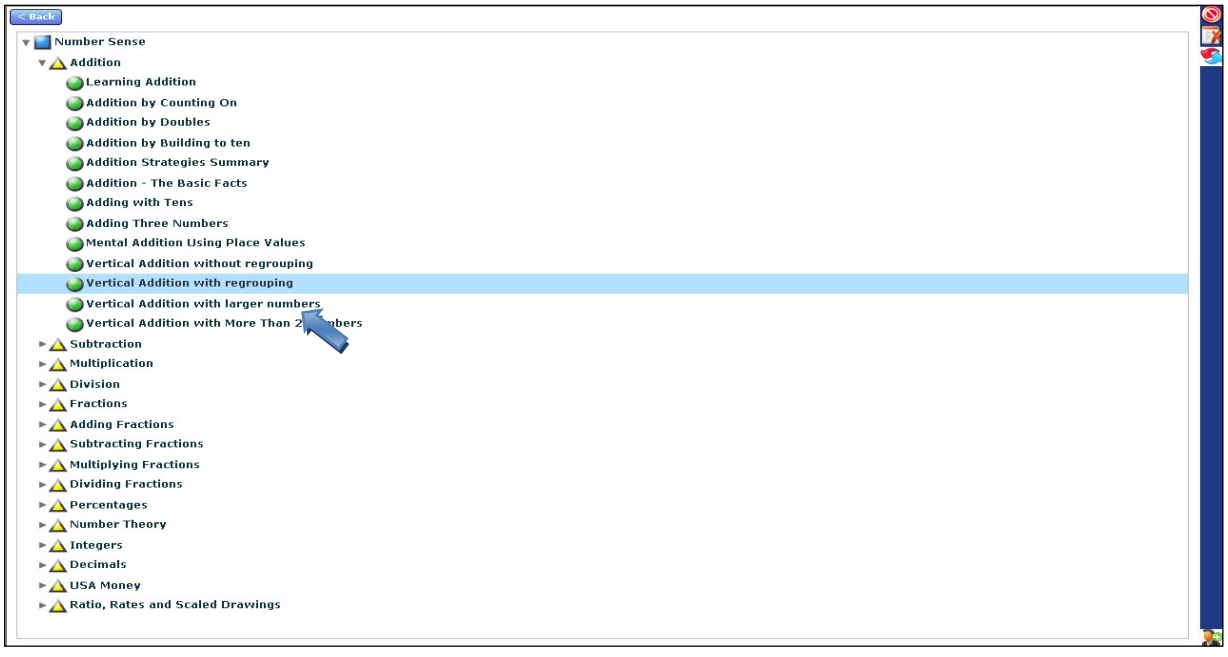
The second location is the "**Teach Me**" button on the main screen (red arrow).





Choosing a Topic:

When the Teaching Module is opened from the main menu a screen comes up listing all the teaching topics or sub-topics. Any of these can be accessed by simply clicking on the name of the topic or sub-topic (see arrow).



Teaching Module:

The system will now, step-by-step, teach the specific selected concept.

Exercises Help:

When the Teaching Module is accessed from an exercise "**Help**" button, the specific teaching files for that topic or sub-topic will be loaded automatically.

Step-by-Step Teaching:

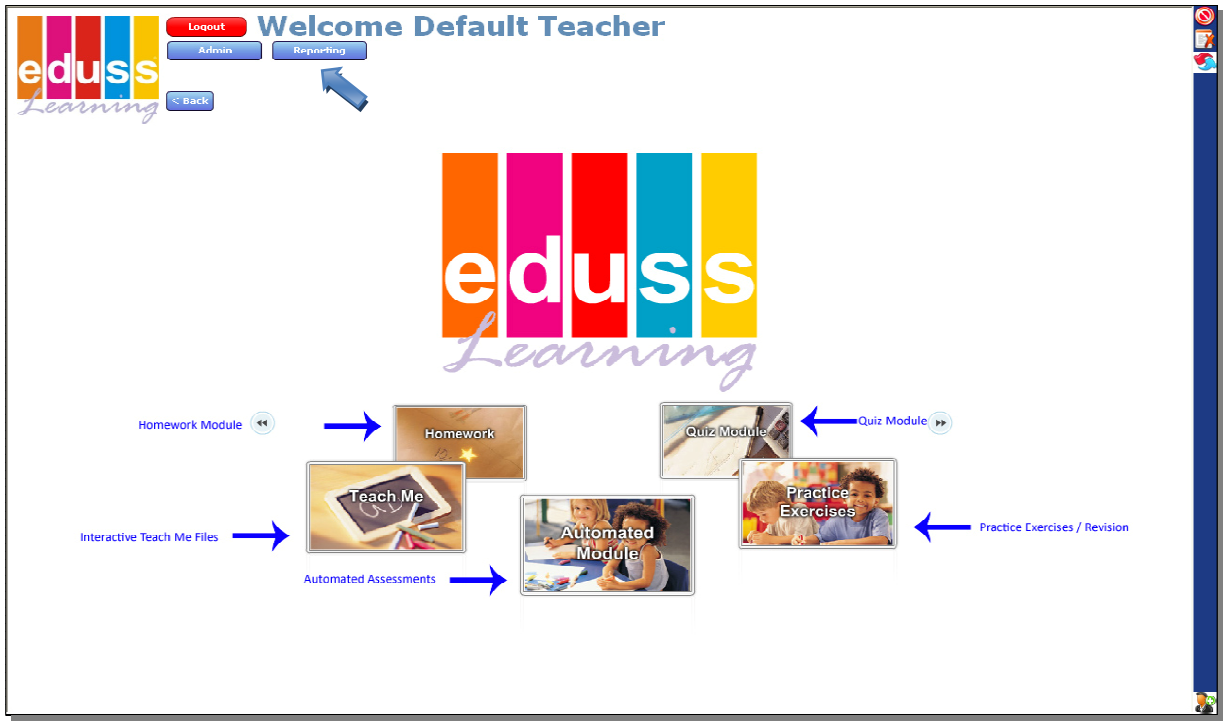
The system will then, step-by-step, go through the process of explaining how a specific concept works or how a specific exercise is done. To return, just click on the " " button to continue with the exercise.

Report Module

Report Module:

Only teachers and admin users can access the reporting section (see arrow). The teacher can see the individual student scores as well as all the students' detailed reports.
The Report Module consists of four different report sections:

- **Automated Module Report**
- **Practice Module Report**
- **Homework Module Report**
- **Quiz Report**



Firstly select the report you want to generate, next you have to select the relevant student, then click on the specific report you require. The report will then be compiled. Clicking on the "**Print**" button can print all the reports or select the different options of view (Tabular Class report, RTI or Graph).
To exit the Report Module simply click the " "

Automated Module Report:

Looking at the Tabular Class Assessment report we can see a breakdown of the student's scores. Displayed is the student's name as well as each assessment exercise. If necessary scroll down to view all assessment results. The report will also indicate the level achieved by the student in each given sub-topic. You also have the options of viewing the RTI and Graph report views.

Practice Module Report:

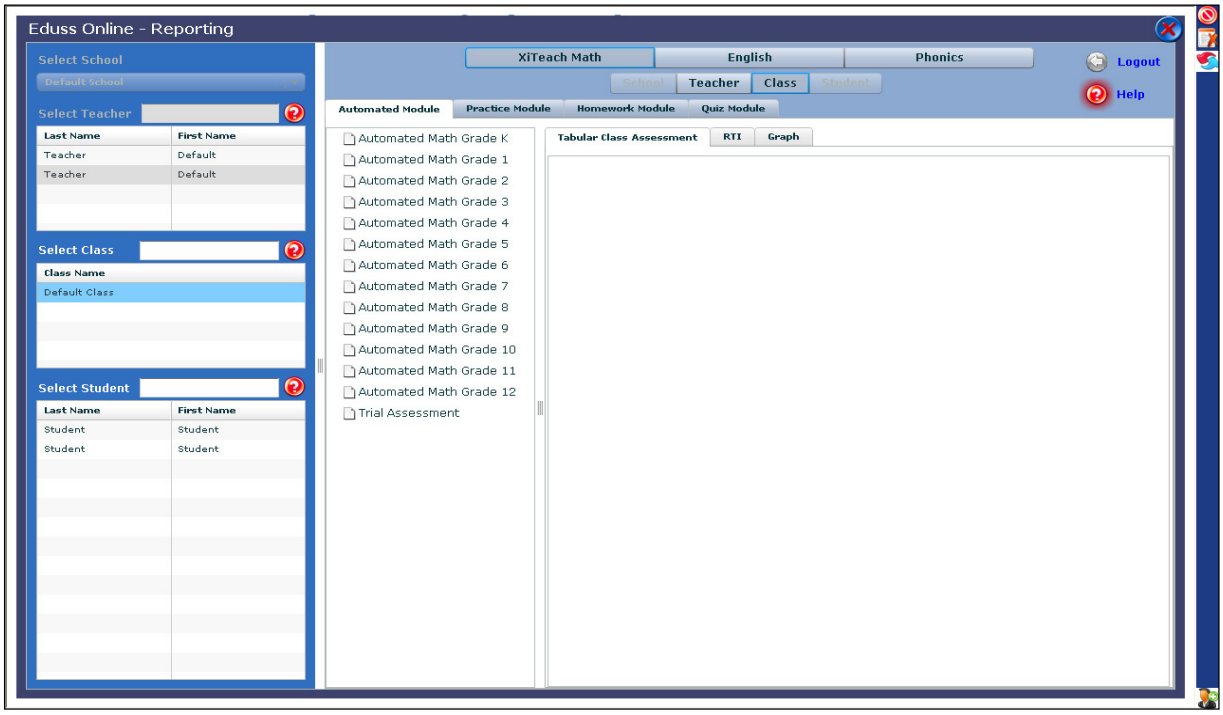
After selecting the individual student the system will display the results for that student. The results will be displayed in Graph format which are all printable using the "**Print**" button to the left of the graph.

Homework Report:

In the homework report we can see a breakdown of the student's scores for every exercise completed. The two views available for the Homework report is the Tabular Class Homework Report and the Graph report.

Quiz Report:

In the quiz report we can see a breakdown of the student's scores for every exercise quizzed. To see each individual report click on the report title to the left and click on the topic title to display the report on the right of the screen. If necessary, scroll down to view all the test results.



English

Phonics

XiTeach
Mathematics

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