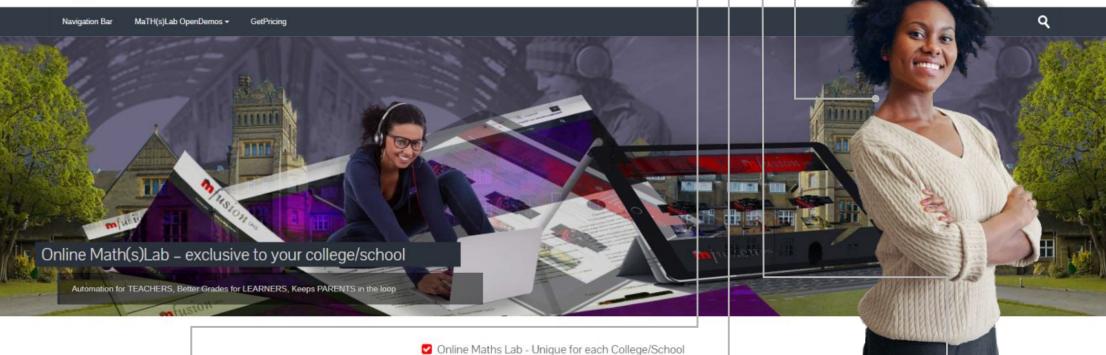


This site is exclusive to your college/school Your Logo goes here Your own front page images go here

Username



COMBINING THE BEST TEACHING METODS





■ Better Grades, Individual Attention: This Online Maths Lab works alongside Face2Face Classroom Teaching. It helps teachers reach a larger group of learners with more individual attention, producing better grades. Automated, takes pressure off the teacher and keeps parents in the loop. Anytime anywhere, Multiple Media Responsive layout, Desktop, Laptop, Tablet, Mobile.



✓ Maths Grade 10-12: CAPS and IEB aligned. 2500 Short format Math exercises. 500 Exam and Test preparation assignment exercises. Automated assignments. >300 Hours of Video Tutorials



✓ Maths Level N1-N6: NATED. 2200 Short format Math exercises. 400 Exam and Test preparation assignment exercises. Automated assignments. >400 Hours of Video Tutorials



MatH(s)Lab Condensed Overview - (Brochure 1 of 4)	Page
Summary of Benefits to Colleges/Schools	1
Blended Learning - Classroom & Online Combination	2
Resources G10-G12 & N1-N6	3
Syllabus Content N1-N6	4
Grade Category Menu (Example)	5
Components of Each Syllabus Section	6
Analytics – Individual Learner Insights	7-10
Teacher's Toolbox	11
Cost Estimate: Number of Learners and Teachers & Systems	12-13
Risk Mitigated Payment Schedule & Project Timeline	14
How MatH(s)Lab can generate Additional Income	15

GET YOUR OWN ONLINE MATH(S) LAB Distinguish your College/School

159... $\sin x \cdot \frac{1}{x^2}$ $\lim_{x \to 0} \left(\sin x \cdot \frac{1}{x^2} \right)$ $\lim_{x \to 0} \left(\sin x \cdot \frac{1}{x^2} \right)$

8 Major Benefits for your College

1 Individual Learner Insights = Better Results

MatH(s)Lab achieves better results because it works alongside the classroom and empowers teachers with technology which offers them deeper insights into individual learner performance and greater control over results.

2 Automated to Empower Your Teachers.

It takes pressure off the teacher. Automated short question formats, previous grade revision, automated exam paper assignments and videos, all linked to extensive learner analytics.

3 Continuous Improvement Loop. Mini-Kaizen.

Better maths results takes daily practice. Maths is cumulative with each lesson building on another. So, MatH(s)Lab engages teachers, learners and parents in a continuous improvement loop, every single day.

4 Local Content, World-Class Tuition.

MatH(s)Lab's content is substantial and aligned to CAPS NSC, IEB G10-G12, and NATED N1-N6. It is delivered on a learning management system which boasts 100 million users worldwide.

5 Daily Maths Practise 24/7 on any Device.

Maths practise, anytime anywhere anyhow. Multiple Media Responsive layout, Desktop, Laptop, Tablet, Mobile.

6 Competitive Edge for Your College

Maths is the gateway subject to higher education and better career options, good or bad performance in maths is often 'the' distinctive criteria by which a college is judged.

7 Distance Learning and Parttime Market.

Attract and retain more distance and part-time learners and multiply your college income. Synchronous online maths support with interactive exercises and immediate feedback.

8 Additional Income for Your College.

Attached to lucrative markets, it's an attractive feature which you can either have sponsored, fee subsidised or charge for.









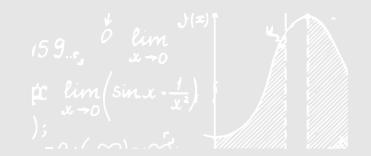
COMBINING THE BEST TEACHING METODS

Blendedlearning



Better Grades, Individual Attention: This Online Maths Lab works alongside
Face2Face Classroom Teaching. It helps teachers reach a larger group of learners with
more individual attention, producing better grades. Automated, takes pressure off the
teacher and keeps parents in the loop. Anytime anywhere. Multiple Media Responsive
layout, Desktop, Laptop, Tablet, Mobile.





Maths Grade 10 - 12:

CAPS and IEB aligned. 2500 Short format Math exercises.

500 Exam and Test preparation assignment exercises.

Automated assignments.

>300 Hours of Video Tutorials

MATHS LEVEL N1 - N6:

NATED. 2200 Short format Math exercises.

400 Exam and Test preparation assignment exercises.

Automated assignments.

>400 Hours of Video Tutorials















Learner

Teacher's Toolbox Video Tutorials

Exam paper Assignments **Short-Question** Format



Maths N6	Maths N5	Maths N4
Differentiation	Limits and continuity	Equations, manipulation and word problems
Applications of differentiation	Differentiation	Determinants
Integration techniques	Applications of differentiation	Complex numbers
Partial fractions	Integration techniques	Trigonometry
Areas and volumes	Partial fractions	Sketch graphs
Centroids and centres of gravity	Applications of definite integrals	Limits and differentiation
The second moment of area	Areas and volumes	Integration
The moment of inertia	The second moment of area	
Differential equations	Differential equations	
Applications where differentiation and integration techniques are combined		

Maths N3	Maths N2	Maths N1
Factors and fractions	Exponents and logarithms	The Four Basic Algebraic Operations
Exponents, surds and logarithms	Factorisation and algebraic fractions	Exponents and Logarithms
Equations, word problems and manipulation	Factorisation and algebraic fractions	Factorisation Common Factor
Co-ordinate geometry	Algebraic graphs	Algebraic Fractions
Algebraic graphs	Radian measurement: angular and circumferential	Equations Formulae and Word problems
Differential calculus	Trigonometry	Algebraic graphs
Trigonometry	Mensuration	Geometry of the triangle
		Trigonometry
		Percentages
		Mensuration













Learner

Teacher's Toolbox Video

Tutorials

Exam paper Assignments **Short-Question** Format





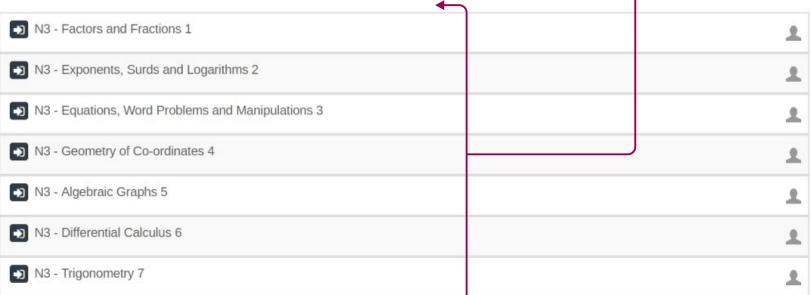


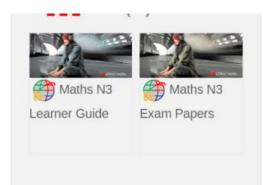
Better Grades, Individual Attention: This Online Maths Lab works alongside Face2Face Classroom Teaching. It helps teachers reach a larger group of learners with more individual attention, producing better grades. Automated, takes pressure off the teacher and keeps parents in the loop. Anytime anywhere. Multiple Media Responsive layout, Desktop, Laptop, Tablet, Mobile.



Maths N3: Factors and Fractions, Exponents
Surds Logarithms, Equations Word Problems and
Manipulations, Geometry of Co-ordinates, Algebraic
Graphs, Differential Calculus, Trigonometry

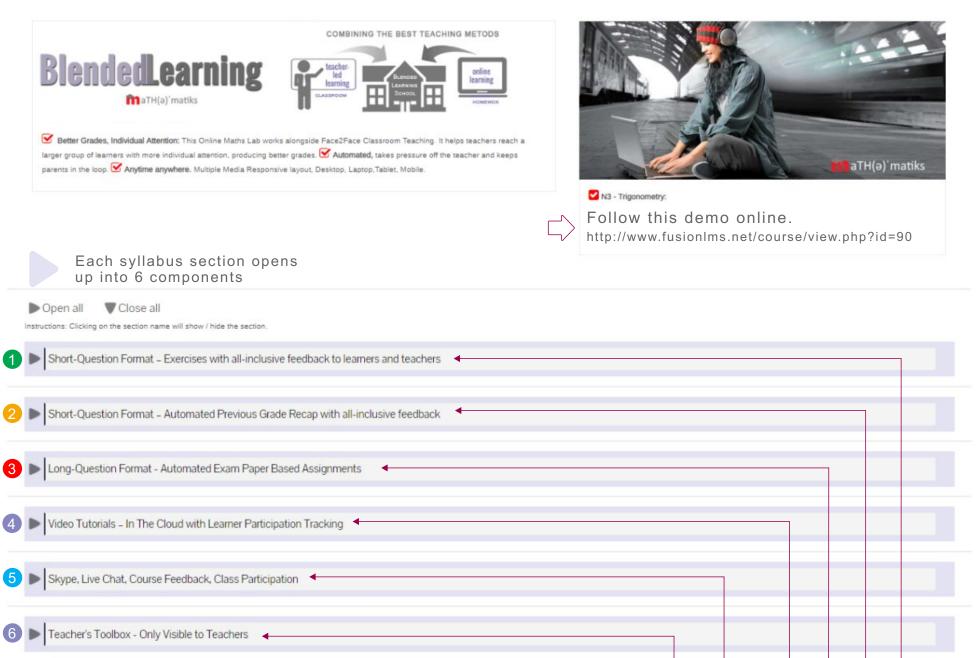
Example of a Grade Category Menu with its Syllabus Sections -



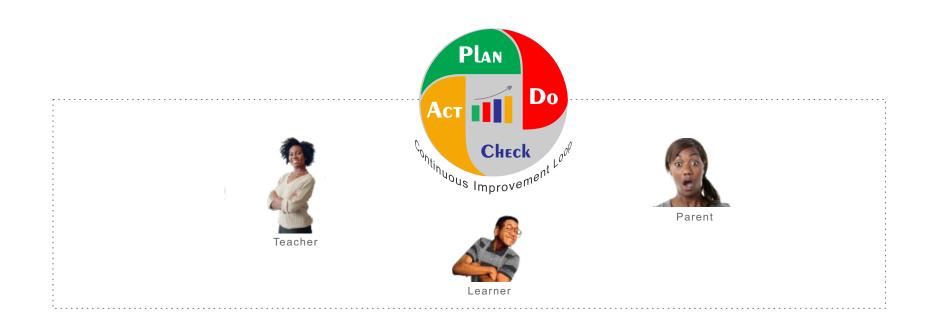




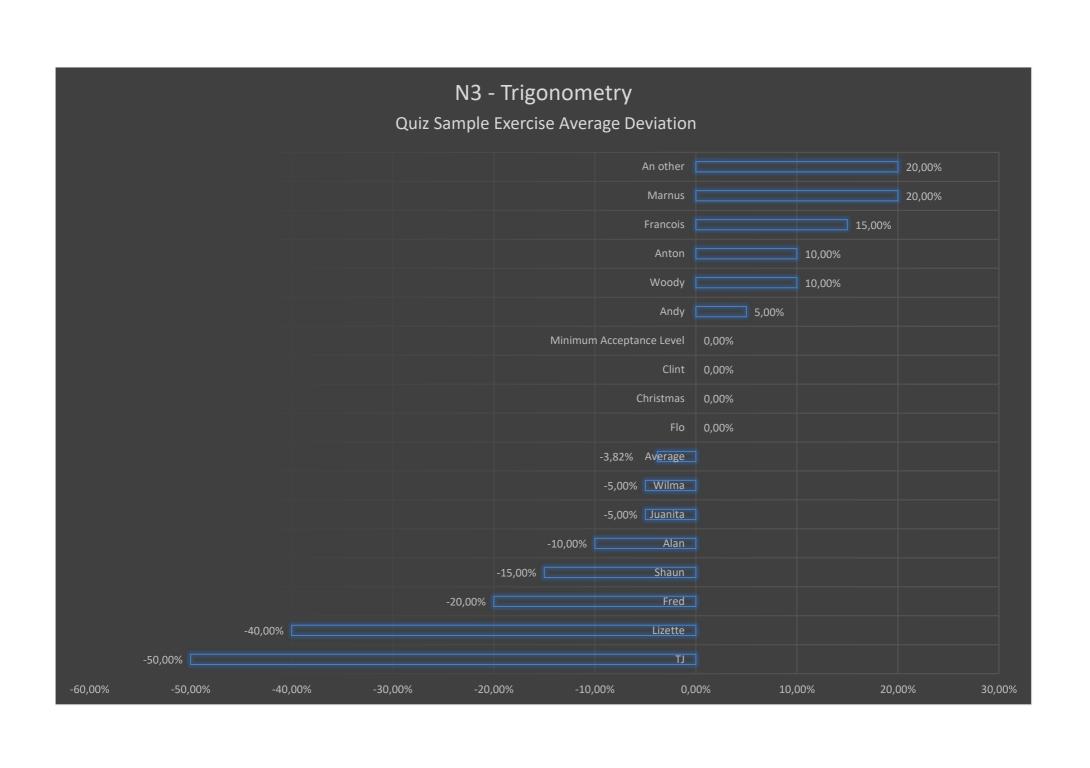




 Face2Face Classro Individual or Group Student, Teacher to Pa 3D - Digital Books consetetur ▼ Current course w N3 - Trigonometry · Participants Courses Search forums Latest announceme



Analytics - Individual Learner Insights



a Francisco		e caracaca	7	The Time of the Country of the Count	- 10 Times - 0	P N Tourist Laboration A
Surname A First name		Email address	Face to Face Classroom	N3 - Trigonometry. Sample	N2-Trigonometry \Rightarrow Z	2) Template - Individual 🗢 🎤
Woody Allen		Email@email.com	80.00	80.00 Q	75.00 Q	60.0
Andy Capp		andy@capp.com	70.00	75.00 Q	80.00 Q	85.0
Flo Capp		flo@capp.com	75.00	70.00 Q	70.00 Q	75.0
Father Chrismas	■ 2	father@xmas.com	65.00	70.00 Q	55.00 ℚ	65.0
Alan Cluttey		clutteyalan@gmail.com	50.00	60.00 Q	75.00 Q	60.0
Shaun Cowley		shaunc@tyresandmore.com	45.00	55.00 ◘	25.00 ◘	45.0
Juanita du Toit		juanitad@twt.to	60.00	65.00 Q	55.00 Q	60.0
Clint Eastwood		Clint@eastwood.com	75.00	70.00 Q	75.00 Q	70.
Fred Flintstone		fred@flint.com	45.00	50.00 Q	25.00 ◘	45.
Wilma Flintstone		wilma@flint.com	55.00	65.00 ◘	65.00 Q	65.
Anton Geldenhuys		anton.geldenhuys@gmail.com	n 85.00	80.00 Q	80.00 Q	85.
Francois Gous		francoisgous@gmail.com	75.00	85.00 Q	85.00 Q	85
Lizette Hendricks		lizettehendricks@yahoo.co.uk	45.00	30.00 ℃	30.00 ◘	55
TJ Hills		hillstheoj@gmail.com	Plan 555.00	20.00 Q	45.00 Q	50
Marnus Kotze		marnuskotze1@gmail.com	85.00	90.00 Q	90.00 Q	85
Demo Learner			ACT 80.00	90.00 Q	85.00 Q	85
		C	Check Loop 65.31	65.94	4 63.44	67

Parent

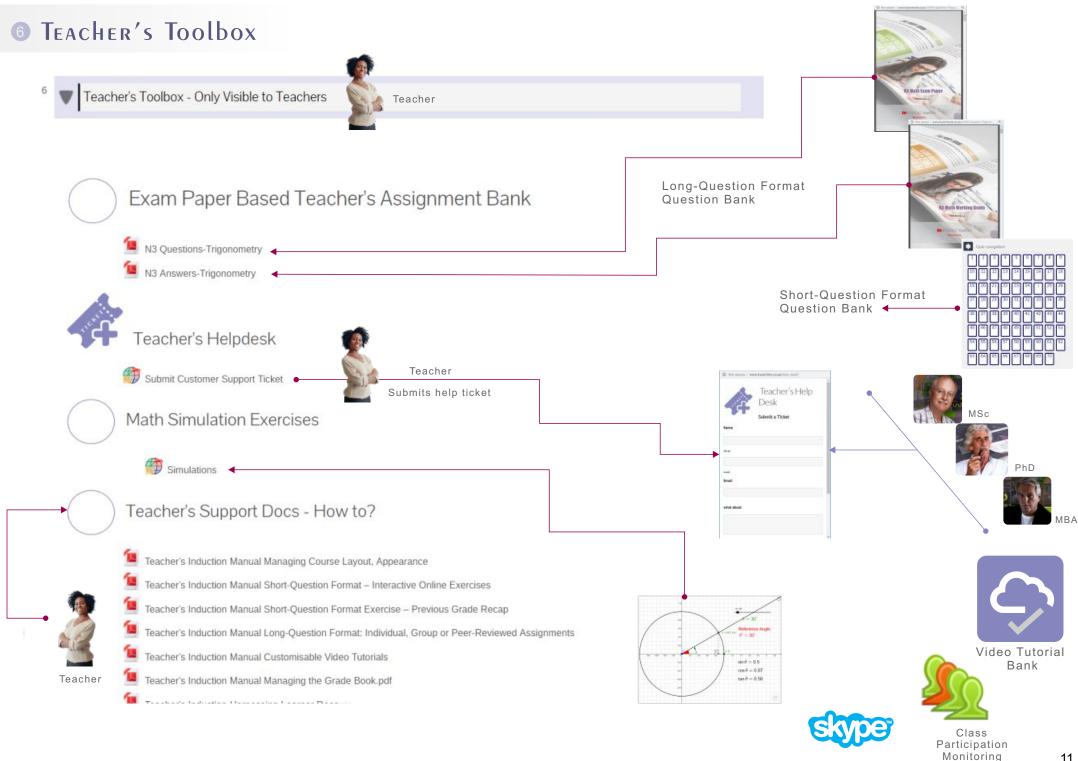
Teacher

Learner



Detailed Learner Records

FusionLMS - maTH(s)L	naTH(s)Lat	Demo (Site)	• Dumise	ne Thwala	◆ All days	All activities All actions All events
Page:123456 Time Use	5 6 7 8 9 10 11 User full name	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 User full name Affected user Ev	7.18 82 (Next) Event context	Componen	Event name	Description
3 Oct, Dur 15 23 Thw	misane	*	Quiz: NS Partial fractions 4	Quiz	Quiz edit page viewed	The user with id '72' viewed the edit page for the quiz with course module id '3127'.
3 Oct. Dur 15:18 Thw	Dumisane Thwala	3	Quiz: N5 Partial fractions 4	Quiz	Quiz edit page viewed	The user with id '72' viswed the edit page for the quiz with course module id '3127'.
3 Oct, Dun 15:09 Thu	Dumisane Thwala		Quiz: NS Partial fractions 4	Quiz	Quiz edit page viewed	The user with id '72' viewed the edit page for the quiz with course module id '3127'.
-, -	Dumisane Thwala		Quiz: N6 Partial fractions 4	Quiz	Quiz edit page viewed	The user with id 72° viewed the edit page for the quiz with course module id 3127° .
	Dumisane Thwala		Quiz: N6 Partial fractions 4	Quiz	Course module viewed	The user with id 72' viewed the 'quiz' activity with course module id '3127'.
	Dumisane Thwala	6	Course: wzard n4-n6 wzard n4-n6	System	Course viewed	The user with id '72' viewed the course with id '1.43'.
3 Oct, Dun 15:02 Thu	Durnisane Thwala		System	System	User has logged in	The user with id '72' has logged in.
100	Dumisane Thwala	9	Quiz: N6 Partial tractions 4	Quiz	Quiz edit page viewed	The user with id 72' viewed the edit page for the quiz with course module id 3127.
	Dumisane Thwala	•	Quiz: N5 Partial fractions 4	Quiz	Quiz edit page viewed	The user with id 72' viewed the edit page for the quiz with course module id 3127'.
7.6	Dumisane Thwala	*	Quiz: NS Partial fractions 4	Quiz	Quiz edit page	The user with id '72' viewed the edit page for the quiz with course module id '3127'.
	Dumisane Thwala	Dumisane Thwala	Quiz: NS Partial fractions 4	Quiz	Quiz attempt	The user with id $72'$ has viewed the attempt with id $1117'$ belonging to the user with id $72'$ for the quiz with course module id $3127'$.
	Dumisane Thwala	٠	Quiz: N6 Partial fractions 4		edit page	The user with id 72' viewed the edit page for the quiz with course module id 3127'
- 6	Dumisane Thwala		Quiz: N6 Partial fractions 4	A		The user with a 72 "weed the 'quiz' activity with course module id '3127".
	Dumisane Thwala	8	Course: wizzed n4 n6 wzard n4 n6		D ₀	The user with id '72' verwed the course with id '143'.
8	Dumisane Thwala		Quiz: M5 The second moment of area 7			The user with of 72 vessed the soft rage for the guiz with course module id '3130'.
-	Dumisane Thwala		Quiz. N5 The second moment of area 7	2	9.	The user with st 72 verwel the edit page for the quiz with course module id 3130".
	Dumisane Thwala	*	One: No The second noment of area?	CHE	1 1 00 V	The user with of 72^{\prime} viewed the off paps for the quiz with course module id 3130^{\prime} .
	Dumisane Thwaia	Dumisane Thwala	Quiz. No The second moment of suffering	mprov	eme!	with at 72 has vewed the attempt with id "1114" belonging to the user with id "72" for the quiz with te id 3130".
1,00	Dumisane Thwala		Quiz NS The second moment of area 7		Quiz edit page viewed	at 72 years of the other jefor the quiz with course module id 3130.
	Dumisane Thwala	9	Quiz: No The second moment of		Quiz edit page viewed	To visuated the edupage for the quiz with course module id 3130%.
- 6	Dumisane Thwala		Quiz: Wid The au cond moment of au	AJ Ay	Quiz edit page	Parent are edit page for the quiz with course module id 3130.
3 Oct. Dur 12:45 Thw	Dumisane Thwala	Dumisane Thwala	Quiz: No The second mousemed Teacher	Learner		The user with it 72 was viewed the attempt with id 1114 belonging to the user with id 72 for the quiz with course module μ 3130 .
3 Oct, Dun 12:44 Thw	misane		Quiz: NS The second moment of area 7			a user with id 72' viewed the edit page for the quix with course module id 3130'.
3 Oct. Dun 12:34 Thw	misane		Quiz: N6 The second moment of area 7	Quiz	Quiz edit page	The user with id 72° viewed the edit page for the quiz with course module id 3130° .
3 Oct, Dun 12:34 Thw	Dumisane Thwala	*/	Quiz: NS The second moment of area 7	Quiz	Course module viewed	The user with id 72' viewed the 'quiz' activity with course module id '3130'.
	Dumisane Thwala	*	Course: wizard n4-n6 wizard n4-n6	System	Course viewed	The user with id 72' viewed the course with id '143'.
	Dumisane Thwala		Quiz: NS Applications where differentiation and integration techniques are combined 10	Quiz	Quiz edit page viewed	The user with id 72' viewed the edit page for the quiz with course module id 3134'.
3 Oct. Dun 12:33 Thw	misane		Quiz: N6 Applications where differentiation and integration techniques are combined 10	Quiz	Quiz edit page viewed	The user with id 72° viewed the edit page for the quiz with course module id 3134° .
3 Oct, Dun 12:29 Thw	Dumisane Thwala	*	Quiz: N6 Applications where differentiation and integration techniques are combined 10	Quiz	Quiz edit page viewed	The user with id 72° viewed the edit page for the quiz with course module id 3134° .
- 3	Dumisane Thwala	9	Quiz: N6 Applications where differentiation and integration techniques are combined 10	Quiz	Quiz edit page viewed	The user with id 72° viewed the edit page for the quix with course module id 3134°
3 Oct. Dun 12:20 Thm	misane		Quiz: NS Applications where differentiation and integration techniques are combined 10	Quiz	Quiz edit page viewed	The user with id 72° viewed the edit page for the quiz with course module id 3134° .
	Dumisane Thwala		Quiz: NS Applications where differentiation and integration techniques are combined 10	Quiz	Quiz edit page viewed	The user with id 72° viewed the edit page for the quiz with course module id 3134° .
***	Dumisane Thwala	,	$\ensuremath{\mathrm{Quiz}}$ N6 Applications where differentiation and integration techniques are combined 10	Quiz	Quiz edit page viewed	The user with id 72' viewed the edit page for the quiz with course module id 3134° .
- 2	misane	•	Quiz: NS Applications where differentiation and integration techniques are combined 10	Quiz	Quiz edit page viewed	The user with id 72° viewed the odif page for the quiz with course module id 3134° .
	Dumisane Thwala		Quiz: N6 Applications where differentiation and integration techniques are combined 10	Quiz	Course module viewed	The user with id 72' viewed the 'quiz' activity with course module id '3134'.
	Dumisane Thwala		Course: wizard n4-n6 wizard n4-n6	System	Course viewed	The user with id '72' viewed the course with id '143'.
	Dumisane Thwala	4	System	System	User has logged in	The user with id 72' has logged in.
	Dumisane Thwala		Quiz: Nő Applications where differentiation and integration techniques are combined 10	Quiz	Quiz edit page viewed	The user with id '72' viewed the edit page for the quiz with course module id '3134'.
	misane		Quiz: N5 Applications where differentiation and integration techniques are combined 10	Quiz	Quiz edit page viewed	The user with id 72° viewed the edit page for the quiz with course module id 3134°
3 Oct. Dur 10:10 Thw	misane		Quiz: N6 Applications where differentiation and integration techniques are combined 10	Quiz	Quiz edit page	The user with id 72' viewed the edit page for the quiz with course module id 3134'.
30d, Du n	misane	•	Quiz: N6 Applications where differentiation and integration techniques are	Quiz	Quiz edit page	This may with if '72' consold the acti maps for the outr with course module id '3134'.





Cost Estimate

LEARNER

Maths Grade Level	Number of Learners "100 seats" min	Cost/"Learner Seat"/Month	Months	Cost Per Annum
N1	0	R50	12	R0,00
N2	0	R50	12	R0,00
N3	0	R100	12	R0,00
N4	0	R60	12	R0,00
N5	0	R60	12	R0,00
N6	0	R100	12	R0,00
Total	0	Calculated per month. Charged p.a	12	R0,00

TEACHER

A subscription to WIRIS Maths editing software included. Teacher user manual. Help Desk support

		Desk support	
Maths Grade Level	No of Teachers with Autonomous control " One"min	Cost/Teacher p/a	Total Teacher Cost Per Annum
N1	0	R3 500	R0,00
N2	0	R3 500	R0,00
N3	0	R3 500	R0,00
N4	0	R3 500	R0,00
N5	0	R3 500	R0,00
N6	0	R3 500	R0,00
Total	0		R0,00

SYSTEMS

Setup Fees	Site Installation - Graphic design Standard	Site Installation - Graphic design Customised	Learners Bulk upload Learner Course Assignment	Teacher Support
Domain registration hosting.	We use your logo and our preselected appearance	We use your logo and your choice of appearance	Per level/teacher. Each trimester	Teacher User Manual
Included in fee				Included in teacher fee
	R15 000	Lower range estimate	R2 000,00	
		R20 000		Additional Teacher face to face training/ day
Course Installation, one per each teacher				R8 000,00
Included in the teacher fee above		Mid range estimate		
		R40 000,00		Help Ticket Support
				1 hour pm included in teacher fee
				Beyond that, per hour
				R800,00

Company Details				
Bright Ideas Factory PTY(LTD)	CK 2013			
Brand Name	Fusion LMS			
Brand Name	MatH(s)LAB			
Vat number				
Spaces Office Park 177 Rivonia Blvd				
Rivonia				
Sandton				
Leon Rossouw				
Managing Director				
Tel				
Mobile				

Risk Mitigated Payment Schedule (Example: A budget R100 000) & Project Timeline 28 '18 Nov 04 '18 Nov 11 '18 Nov 18 '18 Nov 25 '18 Dec 02 '18 Dec 09 '18 Dec 16 WTFSSMTWTFSSMTWTFSSMTWTFSSMTWTFSSMTWTFSSMTWTFSSMTWTFSSMTWTFSSMTWTFS Finish Payment 28 Task Name Start Responsibility Finish Start Variance Variance Schedule Client completes briefing doc Wed 18/11/14 Wed 18/11/14 Client 0 days 0 days Client completes briefing doc Client Agency submit proposal / costs Thu 18/11/15 Agency submit proposal / costs _ Fusion Thu 18/11/15 Fusion 0 days 0 davs R0.00 Client submits order number Fri 18/11/16 Fri 18/11/16 Client 0 days R0,00 Client submits order number _ Client 0 days Client Assign MathsLab Project Leader | Mon 18/11/19 Mon 18/11/19 Client 0 days 0 days R0,00 Client Assign MathsLab Project Leader Client First Installment Client First Installment Tue 18/11/20 Tue 18/11/20 Client 0 days 0 days R45 000,00 Site Installation Site Installation Wed 18/11/21 Wed 18/11/28 0 days 0 days R0.00 Client web hosting account Client web hosting account _ Fusion Wed 18/11/21 Wed 18/11/21 Fusion 0 davs 0 davs R0.00 R0,00 8 Domain registration Wed 18/11/21 Wed 18/11/21 Fusion 0 days 0 days Domain registration _ Fusion Fusion LMS Installation ____ Fusion Fusion LMS Installation R0,00 9 Thu 18/11/22 Fri 18/11/23 Fusion 0 days 0 days 10 MatH(s)Lab Course installation Thu 18/11/22 Wed 18/11/28 Fusion 0 days 0 days R0 00 MatH(s)Lab Course installation Fusion Teacher Class Allocation Thu 18/11/22 Mon 18/12/03 R0.00 Teacher Class Allocation 0 days 0 davs 12 Teacher records on Excell Thu 18/11/22 Wed 18/11/28 Client R0,00 Teacher records on Excell Client 0 days 0 days 13 Usename/Password Editing Thu 18/11/29 Thu 18/11/29 R0 00 Usename/Password Editing teachers = Fusion Fusion 0 days 0 davs 14 Usename/Password Non Editing Fri 18/11/30 Fri 18/11/30 Fusion 0 davs R0.00 Usename/Password Non Editing Teachers 👝 Fusion 0 davs Teachers 15 Enrol teacher on course Mon 18/12/03 Mon 18/12/03 Fusion 0 davs 0 davs R0.00 Enrol teacher on course - Fusion Mon 18/12/03 R45 000.00 Second Installment Mon 18/12/03 Client 0 days 0 days Second Installment _ Client Bulk Learner Upload Tue 18/12/04 Mon 18/12/10 0 days 0 days R0.00 Bulk Learner Upload 18 Learner records on Excell Tue 18/12/04 Thu 18/12/06 Client 0 davs R0.00 Learner records on Excell _____ Client 0 davs 19 Bulk upload learners Fri 18/12/07 Fri 18/12/07 Fusion 0 davs 0 davs R0.00 Bulk upload learners Fusion 20 Enrol learner on course Fri 18/12/07 Fri 18/12/07 Enrol learner on course _ Fusion Fusion 0 davs 0 davs R0.00 21 Fri 18/12/07 Assign Parent/ Fri 18/12/07 Fusion 0 days 0 days R0,00 Assign Parent/ = Fusion 22 Cohorts Mon 18/12/10 Mon 18/12/10 Fusion 0 days 0 days R0,00 Cohorts = Fusion Third Installment Tue 18/12/11 Tue 18/12/11 Client 0 days 0 days R10 000,00 Third Installment Client Teacher user training Wed 18/12/12 Fri 18/12/14 0 days 0 days R0.00 Teacher user training Teacher Operations Manual Wed 18/12/12 Wed 18/12/12 Fusion 0 days 0 days R0,00 Teacher Operations Manual Fusion 26 Teacher help desk set up Thu 18/12/13 Thu 18/12/13 Fusion 0 days 0 days R0,00 Teacher help desk set up _ Fusion 27 Teacher training optional Fri 18/12/14 Fri 18/12/14 Fusion 0 days 0 days R0,00 Teacher training optional _ Fusion First Monthly user report Mon 18/12/17 Tue 18/12/18 0 days 0 days R0,00 First Monthly user report First Monthly teacher user report _ Fusion First Monthly teacher user report Mon 18/12/17 Mon 18/12/17 Fusion 0 days 0 days R0.00 30 First Monthly learner user report Tue 18/12/18 Tue 18/12/18 Fusion 0 days 0 days R0,00 First Monthly learner user report _ Fusion

How can Math(s) Lab Generate Income For Your College/School?

