



Using Data to Improve Student Success

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Kaplan Open Learning

Work in partnership with the University of Essex

Deliver 100% online UG and PG degree programmes

Highest quality learning experience, as evidenced by our NSS scores and TEF Gold

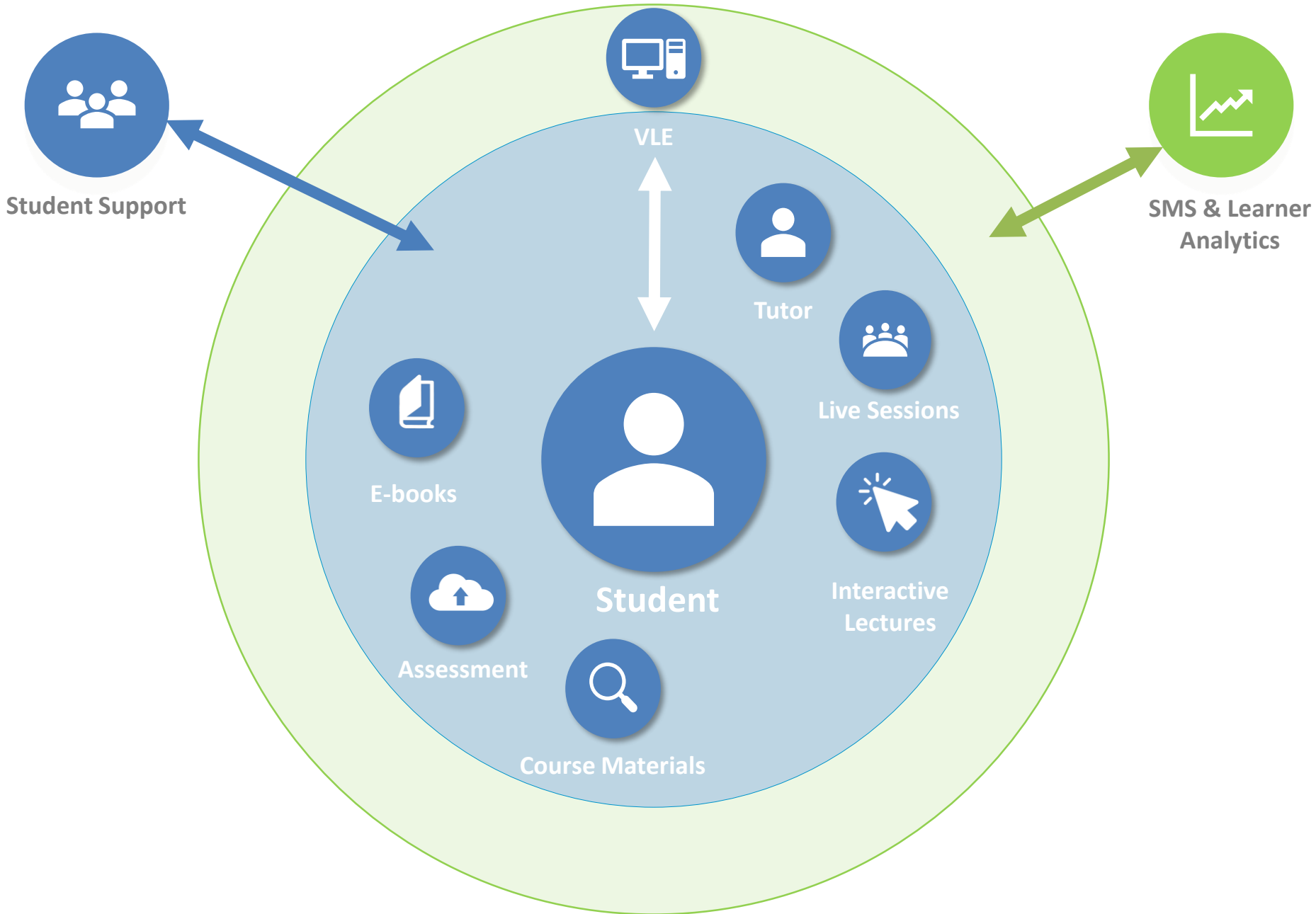
Challenge

A key challenge of online learning is keeping students engaged and motivated.

Solution

Our bespoke learner analytic system (LAS) uses engagement recorded through Moodle to **automate interventions** and **support students** at scale.

It is designed in collaboration with Student Support and is fully customisable for each user.



Key features

Small class sizes

Synchronous learning opportunities

Regular tutor and student advisor contact

LAS has enhanced provision by allowing for individualised support at key points in time.

How does it work?

Bespoke SMS utilises live data from Moodle

Feeds information into a customisable dashboard used by student advisers.

Sends automated emails to students at predefined points in time, based on individual student actions.

LAS Dashboard

Student Activity Dashboard

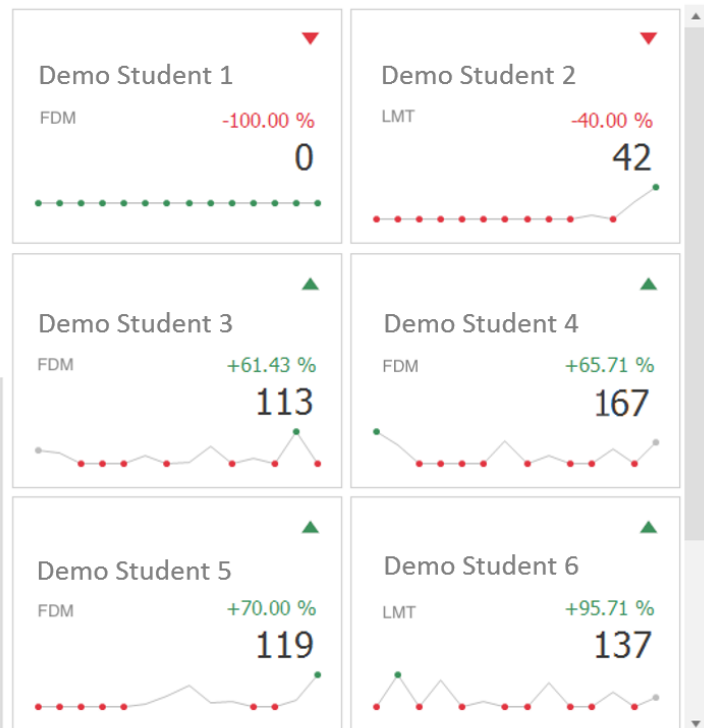
Activities Summary

Grades Summary

Activities

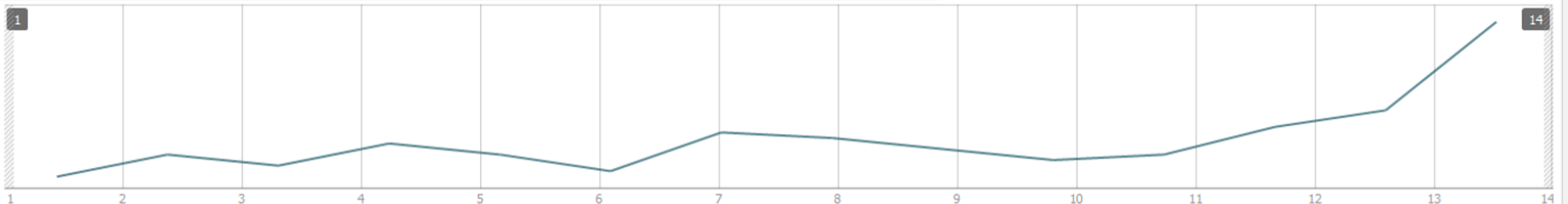
		1	2	3	4	5	6	7	
Demo Student 3	FDM	1	11	3	17	9	4	22	
	LMT	21	14	4	13	8	16	38	
Demo Student 6	FDM	3	33	14	0	8	5	24	
	LMT	4	39	28	0	16	4	3	
Demo Student 4	FDM	32	19	0	11	23	17	22	
Demo Student 2	LMT	3	34	0	19	6	0	8	
Demo Student 1	FDM	0	0	0	0	0	0	0	
Demo Student 5	FDM	3	0	0	31	19	45	23	
Demo Student 7	LMT	17	0	12	22	0	0	20	

Least Active Students



Discussion Postings

Fullname	AdAdviser	EnrolS...	Mo...	LastAccess	Postings	Daily Postings	Posti...
Demo	Demo	Drop (...)	FDM	21/12/2018 1...	0		-7 ▼
Demo	Demo	Active	LMT	24/12/2018 0...	6		-1 ▼
Demo	Demo	Active	FDM	03/12/2018 1...	6		-1 ▼
Demo	Demo	Active	LMT	27/12/2018 0...	6		-1 ▼
Demo	Demo	Active	LMT	22/12/2018 2...	7		0
Demo	Demo	Active	LMT	13/12/2018 0...	7		0
Demo	Demo	Active	LMT	02/01/2019 1...	8		+1 ▲
Demo	Demo	Deferral	FDM	05/01/2019 2...	8		+1 ▲
Demo	Demo	Deferral	LMT	05/01/2019 2...	8		+1 ▲
Demo	Demo	Active	LMT	03/01/2019 0...	10		+3 ▲



LAS – email engine

Condition Name	Type	Module	Module Description	Action	Expression
End of Module Essay (=0)	Date	assign	End of Module Essay	submit for grading	Non Submission
End of Module Essay (early)	Date	assign	End of Module Essay	submit for grading	Timely Submission
End of Module Essay (late)	Date	assign	End of Module Essay	submit for grading	Late Submission
End of Module Project (=0)	Date	assign	End of Module Project	submit for grading	Non Submission
End of Module Project (early)	Date	assign	End of Module Project	submit for grading	Timely Submission
End of Module Project (late)	Date	assign	End of Module Project	submit for grading	Late Submission
Discussion Forum 1 (=0)	Count	hsuforum	Discussion Forum 1	add post,add discussion	=0
Discussion Forum 1 (1-9)	Count	hsuforum			>0,<=9
Discussion Forum 1 (10-14)	Count	hsuforum			>9,<=14
Discussion Forum 2 (=0)	Count	hsuforum			=0
Discussion Forum 2 (1-9)	Count	hsuforum			>0,<=9
Discussion Forum 2 (10-14)	Count	hsuforum			>9,<=14
Assignment 1 (=0)	Date	assign			Non Submission
Assignment 1 (early)	Date	assign			Timely Submission
Assignment 1 (late)	Date	assign			Late Submission
Assignment 2 (=0)	Date	assign			Non Submission
Assignment 2 (early)	Date	assign			Timely Submission
Assignment 2 (late)	Date	assign			Late Submission
FELPS Academic Readiness Assessment (0)	Date	assign			Non Submission
FELPS Academic Readiness Assessment (early)	Date	assign			Timely Submission
FELPS Academic Readiness Assessment (late)	Date	assign			Late Submission
Unit 2, 3 and 4 Discussion Forum (0)	Count	hsuforum	Unit 2, 3 and 4 Discussion Forum	add post,add discussion	=0
Unit 2, 3 and 4 Discussion Forum (1-4)	Count	hsuforum	Unit 2, 3 and 4 Discussion Forum	add post,add discussion	>0,<=4
Unit 2, 3 and 4 Discussion Forum (5-9)	Count	hsuforum	Unit 2, 3 and 4 Discussion Forum	add post,add discussion	>4,<=9
CLQ Initial Thread = 1+	Count	hsuforum	Collaborative Learning Question	add discussion	>0
CLQ Response = 1-2	Count	hsuforum	Collaborative Learning Question	add post	>0,<=2
CLQ = 0	Count	hsuforum	Collaborative Learning Question	add post, add discussion	=0
Mid Module Assignment (=0)	Date	assign	Mid Module Assignment	submit for grading	Non Submission
Mid Module Assignment (=1)	Date	assign	Mid Module Assignment	submit for grading	Timely Submission
Mid Module Assignment (late)	Date	assign	Mid Module Assignment	submit for grading	Late Submission
End of Module Assessment = 0	Date	assign	End of Module Assessment	submit for grading	Non Submission
End of Module Assessment (early)	Date	assign	End of Module Assessment	submit for grading	Timely Submission
End of Module Assessment (late)	Date	assign	End of Module Assessment	submit for grading	Late Submission
Essay-based assignment (=0)	Date	assign	Essay-based assignment	submit for grading	Non Submission
Essay-based assignment (early)	Date	assign	Essay-based assignment	submit for grading	Timely Submission
Essay-based assignment (late)	Date	assign	Essay-based assignment	submit for grading	Late Submission

✕ Edit Email Condition

Name

Type

Module

Description

Action

Expression

Benefits of LAS

Predicts learners at risk

Helps us understand learner needs based on their interactions

Individualised and tailored support

Precise feedback at critical moments

Low cost, “no code” build for further development opportunities.

Result

Ability to build more functionality and reporting without coding

Addition of new features such as student feedback tracker

Positive effect on Learner Outcomes