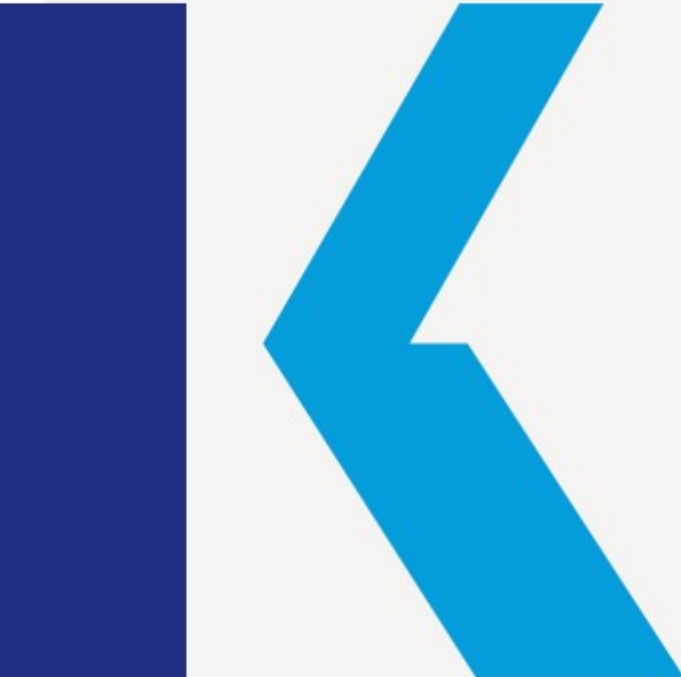




Leveraging Gamification with the Level Up Plugin at KBS for Enhanced Student Insights and Early Intervention

Cameron Hallowell



Disclaimer

- I am not connected to Level Up other than being a paying customer.
- I have been in direct contact with Frédéric Massart (Director) with feedback and suggestions.
- I am pleased to say that they have incorporated several of our suggested improvements in their recent updates.



Session plan

- KBS who we are.
- Brief Level Up overview.
- How we use Level Up at KBS in our Moodle environment.
- The obvious findings.
- The hidden gems the data produces.
- Questions.



Who is KBS?

- Kaplan Business School part of the Kaplan worldwide group.
- We teach Under Grad, Post Grad and MBA degrees in Business, IT, Health and Tourism fields.
- We run trimesters consisting of 12 weeks of teaching across 6 campuses and Online classes.
- Our students are predominately international students.
- Winner of the Worldwide PIEoneer Business school of the year in 2023.



Two plugins

- Level Up XP (Free)
 - Basic gamification, Points, Leaderboards.
- Level Up XP+ (Paid)
 - Badges, Team leaderboards with exportable data and logs.

<https://www.levelup.plus/xp>

Level Up block

The screenshot displays a student's subject home page for 'Financial Accounting' (ACCM4000 - T2 2024). The page features a 'Level up!' notification with a star icon. A prominent orange badge indicates 'WEEK 5'. Below the badge, the text 'Week 5' and '730^{XP}' are shown, accompanied by a progress bar. A '10^{XP} to go' indicator is also present. At the bottom, there are icons for 'Info' and 'Leaderboard'. The page also includes a navigation bar with 'Subject Home Page', 'Assessments', and 'Weekly Content'.

Student's see current badge and point total displayed on the subject's home page.

Easy access to the leaderboards - individual and group.

12 weeks of teaching

We created our own set of badges to suit our needs.



Map the student tasks

Running total	290		390		540		660
Week 0	290	Week 1	100	Week 2	150	Week 3	120
Subject Outline	60	Open Questions Week 1	30	Open Week 1 Solutions	30	Open Week 2 Solutions	30
Assessment 1	60	Open Prep guide 2	30	Open Questions Week 2	30	Open Workshop 3 Excel	40
Assessment 2	60	Open Workshop 2	40	Open Workshop 3	40	Open Prep guide 4	30
Assessment 3	60			Open Prep guide 3	30	Practice activity	20
Subject announcements	10			Excel assignment Info	20		
Open Workshop 1	40						

- To progress past the Prewrite level, students needed to collect 290 points.
- To get past Week 1 level, students are required to earn an additional 100 points.
- To get past Week 2 level, students are required to earn an additional 150 points.

Develop automatic rules

+ Add a rule

+ 40 points are earned when:

ALL of the conditions are true ▼

+ ANY of the conditions are true ▼

+ The activity or resource is Assessment 01 Outline ▼ ⓘ

+ The activity or resource is Assessment 02 Outline ▼ ⓘ

+ The activity or resource is Assessment 03 Outline ▼ ⓘ

+ Add a condition

+ An activity or resource was successfully completed ⓘ

+ Add a condition

▼ Activity completion

Completion tracking ⓘ

Show activity as complete when conditions are met ▼

Require view

☒ Student must view this activity to complete it

Expect completed on ⓘ

☐ Enable 2 ▼ October ▼ 2024 ▼ 08 ▼ 17 ▼ ⓘ

Instant feedback

Level up!

Info **Leaderboard** Report Levels Points Settings XP+

Participants

Separate groups

All participants ▼

Teams

Rank	Level	Participant	Total	Progress
1	WEEK 12	 Mathys Collard	1,360 ^{XP}	remaining 100 ^{XP}
2	WEEK 11	 Trung Ngien Nguyen	1,260 ^{XP}	remaining 200 ^{XP}
2	WEEK 11	 Sanjivita Roodhumnun	1,260 ^{XP}	remaining 200 ^{XP}
4	WEEK 10	 Phu Tran Quach	1,230 ^{XP}	remaining 230 ^{XP}
4	WEEK 10	 Frederico Orion Martins Silva	1,230 ^{XP}	remaining 230 ^{XP}
6	WEEK 9	 Nam Phuong Ly	1,170 ^{XP}	remaining 290 ^{XP}
6	WEEK 9	 Lokeshwar Singh	1,170 ^{XP}	remaining 290 ^{XP}
8	WEEK 9	 Muhammad Abbas Razi	1,150 ^{XP}	remaining 310 ^{XP}
8	WEEK 9	 裴 雅琳 Lin	1,150 ^{XP}	remaining 310 ^{XP}
10	WEEK 9	 Femika Na Wornat	1,140 ^{XP}	remaining 320 ^{XP}

Class comparison

Level up!

Info **Leaderboard** Report Levels Points Settings XP+

Participants

Teams

Rank	Team name	Points
1	Sydney 1	21,190 ^{9P}
2	Adelaide 1	20,804 ^{9P}
3	Perth 1	20,367 ^{9P}
4	Brisbane 1	19,289 ^{9P}
5	Melbourne 1	17,480 ^{9P}

Download table data as

Comma separated values (.csv)

Download

- Create inter-class competition to improve engagement.
- Early warning for classes with low participation.

Downloadable logs

Level up!

Info Leaderboard **Report** Levels Points Settings XP+

Report

Separate groups

Log

First name

All

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Last name

All

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1 2 3 4 5 6 7 8 9 10 ... 39 »

Event time ▼	First name / Last name	Reward	
1/10/24, 16:25	Aastha Adhikari	30 ^{XP}	Activity completed File: Week 03 - Tutorial
1/10/24, 14:40	Sanyasa Puri	40 ^{XP}	Activity completed File: Week 12 - Student Slides
1/10/24, 14:16	Prawan Ha	40 ^{XP}	Activity completed File: Week 12 - Student Slides
1/10/24, 14:04	Felicia Anabela Francisco Sanyasa	40 ^{XP}	Activity completed File: Week 12 - Student Slides
1/10/24, 14:03	Somy Acharya	40 ^{XP}	Activity completed File: Week 12 - Student Slides
1/10/24, 14:02	Somy Acharya	40 ^{XP}	Activity completed File: Week 09 Slides
1/10/24, 14:02	Srikan Sheel	40 ^{XP}	Activity completed File: Week 05 Slides
1/10/24, 13:51	Srikan Sheel	40 ^{XP}	Activity completed File: Week 12 - Student Slides
1/10/24, 13:42	Tath Maheshkumar Patel	40 ^{XP}	Activity completed File: Week 12 - Student Slides
1/10/24, 13:33	Ellenbany Tanoli	100 ^{XP}	A submission has been submitted. Assignment: Assessment 03 Worksheet 40%
1/10/24, 13:19	Fatehsar Singh	40 ^{XP}	Activity completed File: Week 12 - Student Slides
1/10/24, 13:14	Rommel Barag	40 ^{XP}	Activity completed File: Week 12 - Student Slides
1/10/24, 12:57	Gladys Iano	40 ^{XP}	Activity completed File: Week 10 Slides
1/10/24, 12:15	Thu Thu Ngan Nguyen	100 ^{XP}	A submission has been submitted. Assignment: Assessment 03 Worksheet 40%
1/10/24, 11:53	Thu Tra Giang Du	30 ^{XP}	Activity completed File: Week 01 - Tutorial 01 Solution
1/10/24, 11:31	Phomawath Soukummarath	100 ^{XP}	A submission has been submitted. Assignment: Assessment 03 Worksheet 40%
1/10/24, 11:30	Diego Alexander De Lopez	40 ^{XP}	Activity completed File: Week 12 - Student Slides
1/10/24, 11:23	Phu Yee Lim	100 ^{XP}	A submission has been submitted. Assignment: Assessment 03 Worksheet 40%

The obvious insights

“An insight is an unexpected shift in the way we understand things.”

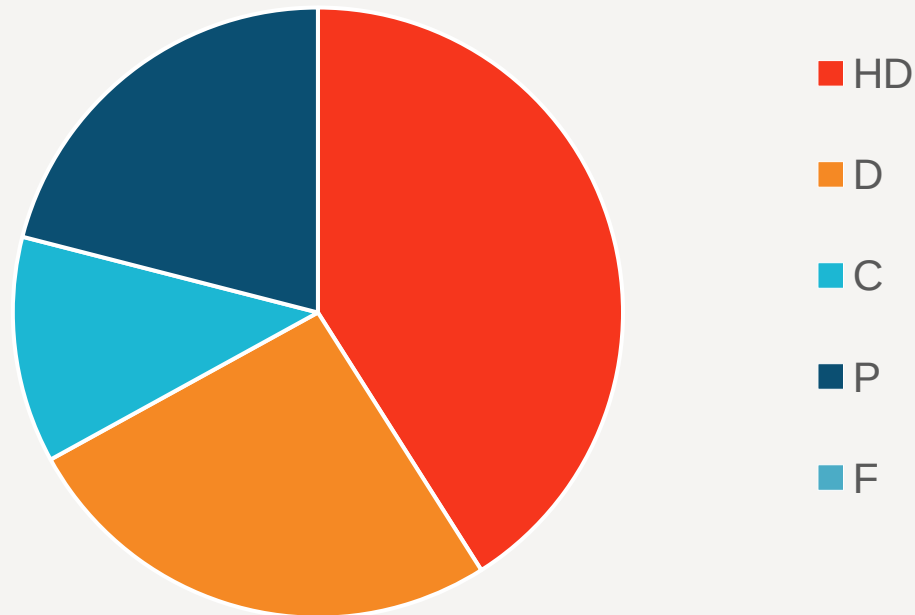
*Gary Klein,
psychologist*



Participation v Final grade

“two thirds of students who participated in more than 80% of activities received a HD or D.”

Final Grade for 80+% Participation

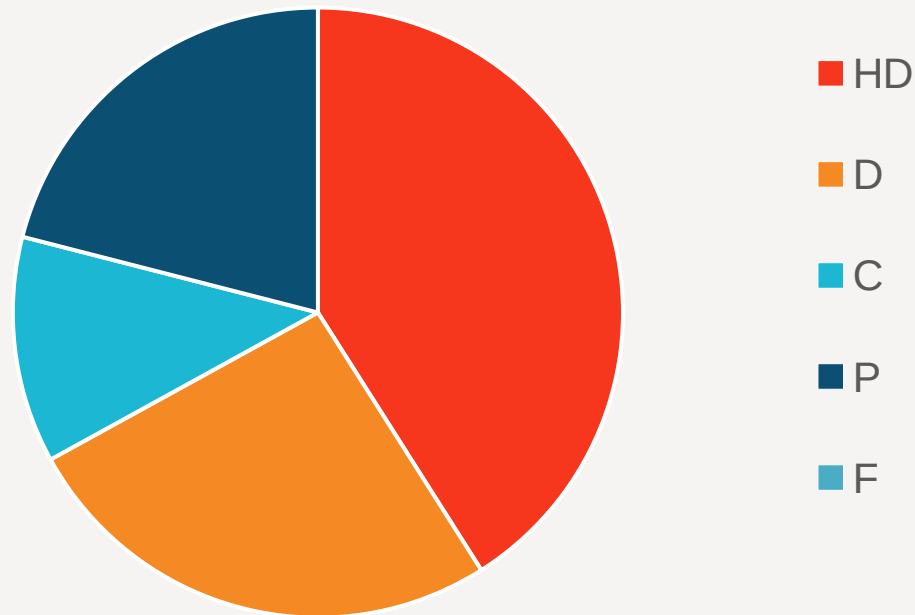


****Based on 11 subjects and 662 students***

Participation v Final grade

“No student who participated in more than 80% of activities failed.”

Final Grade for 80+% Participation

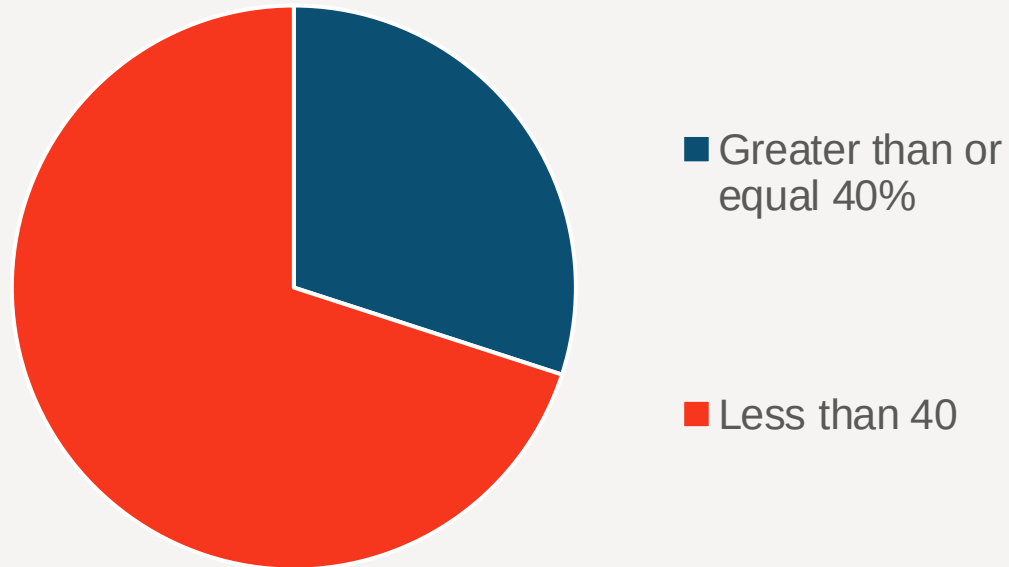


****Based on 11 subjects and 662 students***

Participation v Final grade

“Of the students who failed, 70% had a participation rate of less than 40%”

Participation rate for Grade F students



****Based on 11 subjects and 662 students***

The hidden gem insights

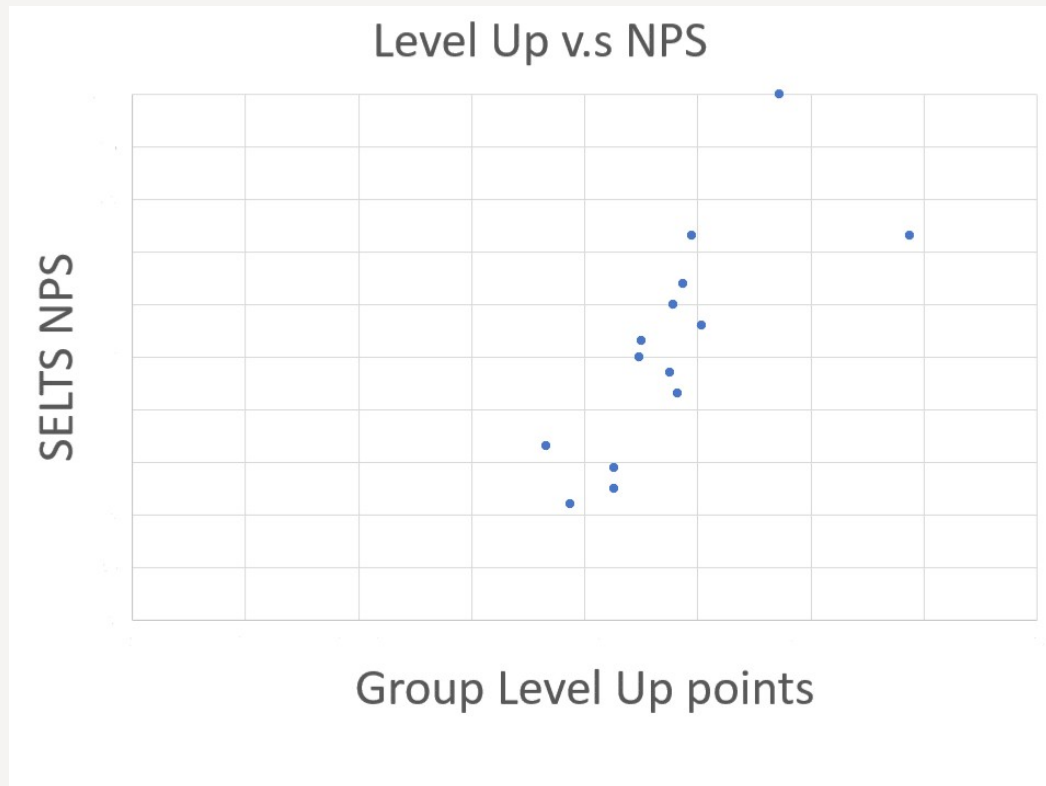
"It's not what you
look at that
matters, it's what
you see."

*Henry David
Thoreau, writer*



Participation v Final grade

“A strong 0.7 correlation between SELTS scores and Group Level Up participation”





Expected points v Final grade

At the halfway point, End of Week 6 (EOW6)

% of expected pts	Fail	Pass	Credit	D	HD
0 - 9%	45%	32%	15%	5%	3%
10 - 19%	31%	40%	17%	7%	5%
20 - 29%	16%	42%	23%	13%	6%
30 - 39%	10%	28%	25%	25%	13%
40 - 49%	11%	26%	27%	21%	15%
50 - 59%	10%	16%	25%	33%	16%
60 - 69%	5%	20%	42%	23%	10%
70 - 79%	6%	26%	20%	33%	16%
80 - 89%	5%	23%	28%	26%	17%
90 - 99%	3%	13%	34%	28%	21%
100 - 109%	0%	14%	15%	48%	23%
110 - 119%	0%	11%	25%	36%	27%
120 - 129%	0%	0%	16%	44%	40%
130% and over	0%	4%	9%	47%	40%

If a student has participated in less than 10% by the EOW 6, there is a 45% fail rate.

****Based on 20 subjects and 1867 students***



Expected points v Final grade

At the halfway point, End of Week 6 (EOW6)

% of expected pts	Fail	Pass	Credit	D	HD
0 - 9%	45%	32%	15%	5%	3%
10 - 19%	31%	40%	17%	7%	5%
20 - 29%	16%	42%	23%	13%	6%
30 - 39%	10%	28%	25%	25%	13%
40 - 49%	11%	26%	27%	21%	15%
50 - 59%	10%	16%	25%	33%	16%
60 - 69%	5%	20%	42%	23%	10%
70 - 79%	6%	26%	20%	33%	16%
80 - 89%	5%	23%	28%	26%	17%
90 - 99%	3%	13%	34%	28%	21%
100 - 109%	0%	14%	15%	48%	23%
110 - 119%	0%	11%	25%	36%	27%
120 - 129%	0%	0%	16%	44%	40%
130% and over	0%	4%	9%	47%	40%

100% of students pass the subject when their participation is over 100% by EOW 6.

****Based on 20 subjects and 1867 students***



Expected points v Final grade

At the halfway point, End of Week 6 (EOW6)

% of expected pts	Fail	Pass	Credit	D	HD
0 - 9%	45%	32%	15%	5%	3%
10 - 19%	31%	40%	17%	7%	5%
20 - 29%	16%	42%	23%	13%	6%
30 - 39%	10%	28%	25%	25%	13%
40 - 49%	11%	26%	27%	21%	15%
50 - 59%	10%	16%	25%	33%	16%
60 - 69%	5%	20%	42%	23%	10%
70 - 79%	6%	26%	20%	33%	16%
80 - 89%	5%	23%	28%	26%	17%
90 - 99%	3%	13%	34%	28%	21%
100 - 109%	0%	14%	15%	48%	23%
110 - 119%	0%	11%	25%	36%	27%
120 - 129%	0%	0%	16%	44%	40%
130% and over	0%	4%	9%	47%	40%

87% of students over 130% by EOW 6 ended up with an HD or a D.

****Based on 20 subjects and 1867 students***

Questions

“Heightened perception is the goal: becoming more aware of how you see, not just what you see.”

*Michael Kimmelman,
author*

