

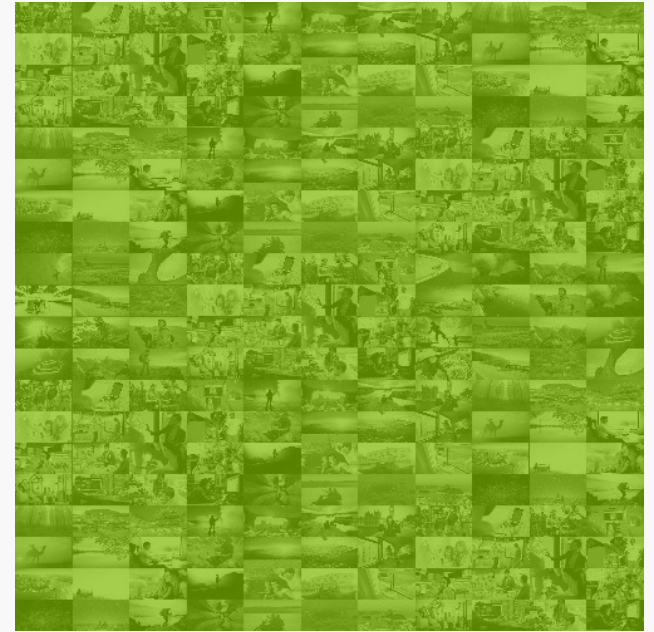
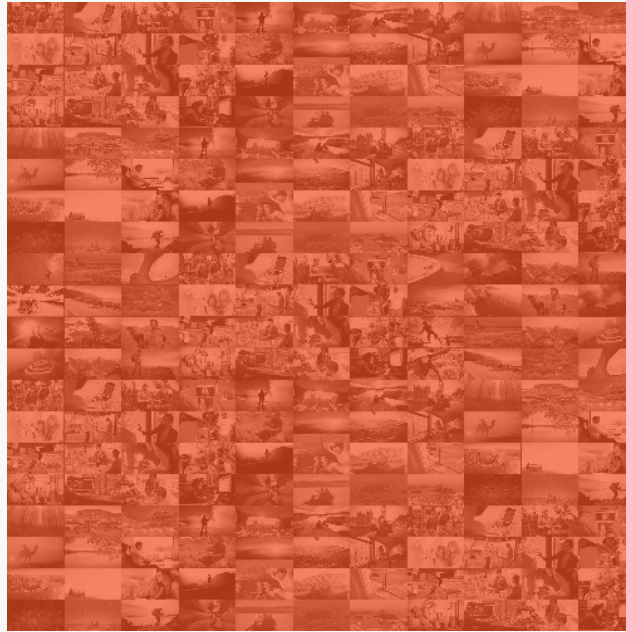


Reimagine Education: Utilizing EdTech to adapt to changes in post-covid times

Fred Sheu
National Technology Officer,
Microsoft Hong Kong

Microsoft Mission

Empower every person and
every organization on the
planet to achieve more





Learn, Grow & Invest in Hong Kong

First major technology company to set up **datacenters** in HK, Azure Availability Zone **expansions** in **2021**

80% of K-12 schools
90% Hang Seng Index companies,
100% of Hi-Ed institutions on Microsoft Cloud

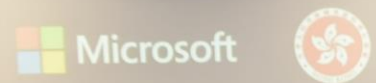
The **only** technology company has **Partner in Learning** Agreement in place with **HKSAR Education Bureau** since 2004

2,000+ partners, creating more than **54,000** jobs.
Every **\$1** in MSHK generates **\$9** for each partner

A photograph of three children, two girls and one boy, leaning over a table. They are looking at a tablet computer. One girl is holding a stylus and pointing at the screen. The boy is on the left, and another girl is in the middle. They appear to be working together on a project.

Empowering every student
to achieve more

賦予每個學生更多成就能力



Microsoft Hong Kong | The Education Bureau

Partners in Learning (PiL) Programme 4.0

Memorandum of Understanding (MOU) Signing Ceremony



Microsoft Hong Kong | The Education Bureau

Partners in Learning (PiL) Programme 4.0

Memorandum of Understanding (MOU)

21 September 2018

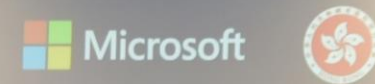
Signed by Ms Cally CHAN
General Manager, Microsoft Hong Kong

Witness
Mr Alain CROZIER
Corporate Vice President, Chairman and Chief Executive Officer,
Microsoft Greater China Region

Signed by Mrs HONG CHAN Tsui-wah
Deputy Secretary for Education

Witness
Mr Kevin YEUNG Yun-hung, JP
Secretary for Education

Microsoft



Microsoft Hong Kong | The Education Bureau

Partners in Learning (PiL) Programme

Memorandum of Understanding (MOU) Signing Ceremony



Microsoft dedication in Education during Covid-19 crisis

We have been helping schools to enable remote learning solutions through school closures

We're committed to you



Office 365 A1, including Teams, is always available to schools at no cost to enable remote learning

We're helping schools



700+ local primary, secondary schools and higher-ed institutes have been enabled to use Microsoft Teams for remote learning

We're supporting educators



Online webinars to provide 1000+ local educators with training and demonstrations on how to leverage on Office 365 in remote teaching and learning

We're working with partners

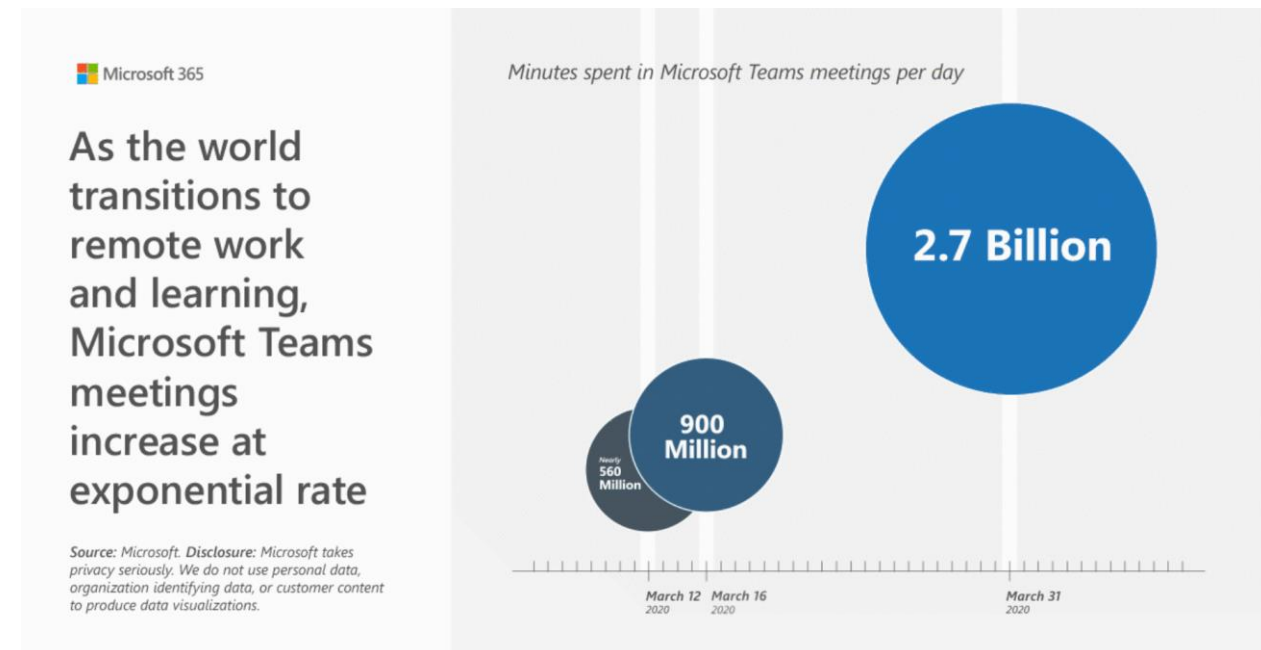


To donate 1000+ computers through Microsoft Registered Refurbishment Program partners to the needed students

Microsoft Teams Momentum

Transforming the way people work and learn with +75M daily active user, adding 31M in just over a month

We've seen a new daily record of 2.7 billion meeting minutes in one day, 300 percent increase from 900 million on March 16.



"As COVID-19 impacts every aspect of our work and life, we have seen two years' worth of digital transformation in two months."

Satya Nadella,
April 2020



Education Transformation Framework

The Microsoft Education Transformation Framework is a guide for education leaders to navigate the complexity of transformation impacting every aspect of their mission. It facilitates the process of envisioning what's possible and developing a strategy to achieve it.



The research behind our inventions in Edtech

Preparing the Class of 2030

The future of learning will be student centric: social, personalized and supported by technology

Preparing students for work and life



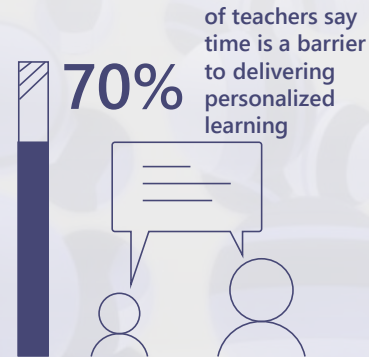
Only 42% of employers believe new graduates are adequately prepared for the workforce

Soft skills come into sharp focus



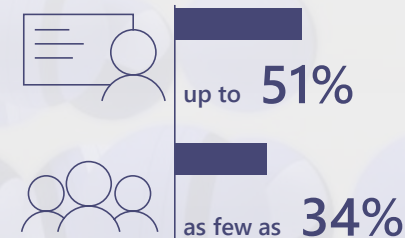
30-40% of jobs in growth industries will require soft skills
50% of students put them among their top priorities

Personalized learning is in high demand



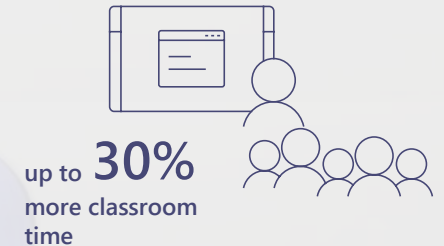
Personalized learning can help **70% of students** achieve more
70% of students say the current pace isn't right

The role of teachers is amplified



Up to 51% teachers report strong relationships with their students...
but only **34% of students** agreed

Technology creates opportunity



Teachers get up to **30% of time back**, gain insights into individual learning, and can **amplify the abilities of all students**.

The research behind our inventions in Edtech

The Staff of 2030 and Future-Ready Teaching

Gen Z are in classrooms
universities and staffrooms



Up to 5 generations will work alongside one another- each with different communication, leadership and career development styles

There is a supply and
demand crisis globally

69 MILLION



Additional teachers

69 MILLION additional teachers required by 2030
50% of teachers leave the profession within 5 years

Addressing diverse learner
needs is a priority and
pressure point



Driven by improved mobility and increase in immigration, the next generation of students will be more ethnically and economically diverse.

Early career teachers aspire
to use technology for higher
order thinking



Top two capabilities technology early career teachers believe they can cultivate in students

- Applying information to their own life or a new context
- Inferring relationships or patterns from data

New teachers support
progressive education plans



48%

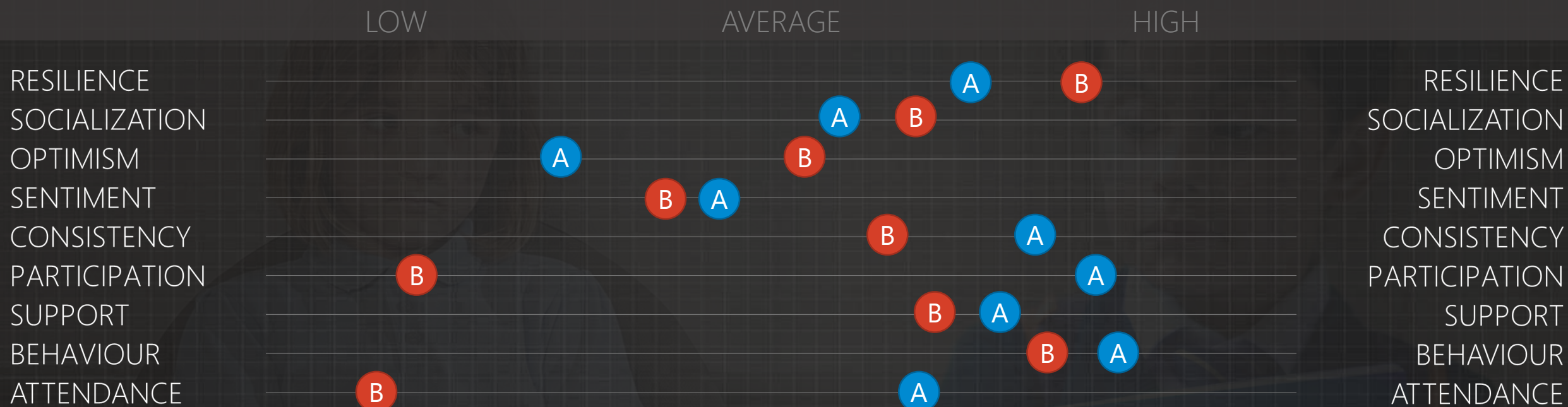
Increase focus on social and emotional learning

Pre-service and early career teachers believe they will drive increased use of technology, a focus on social-emotional learning and spend more time on global issues

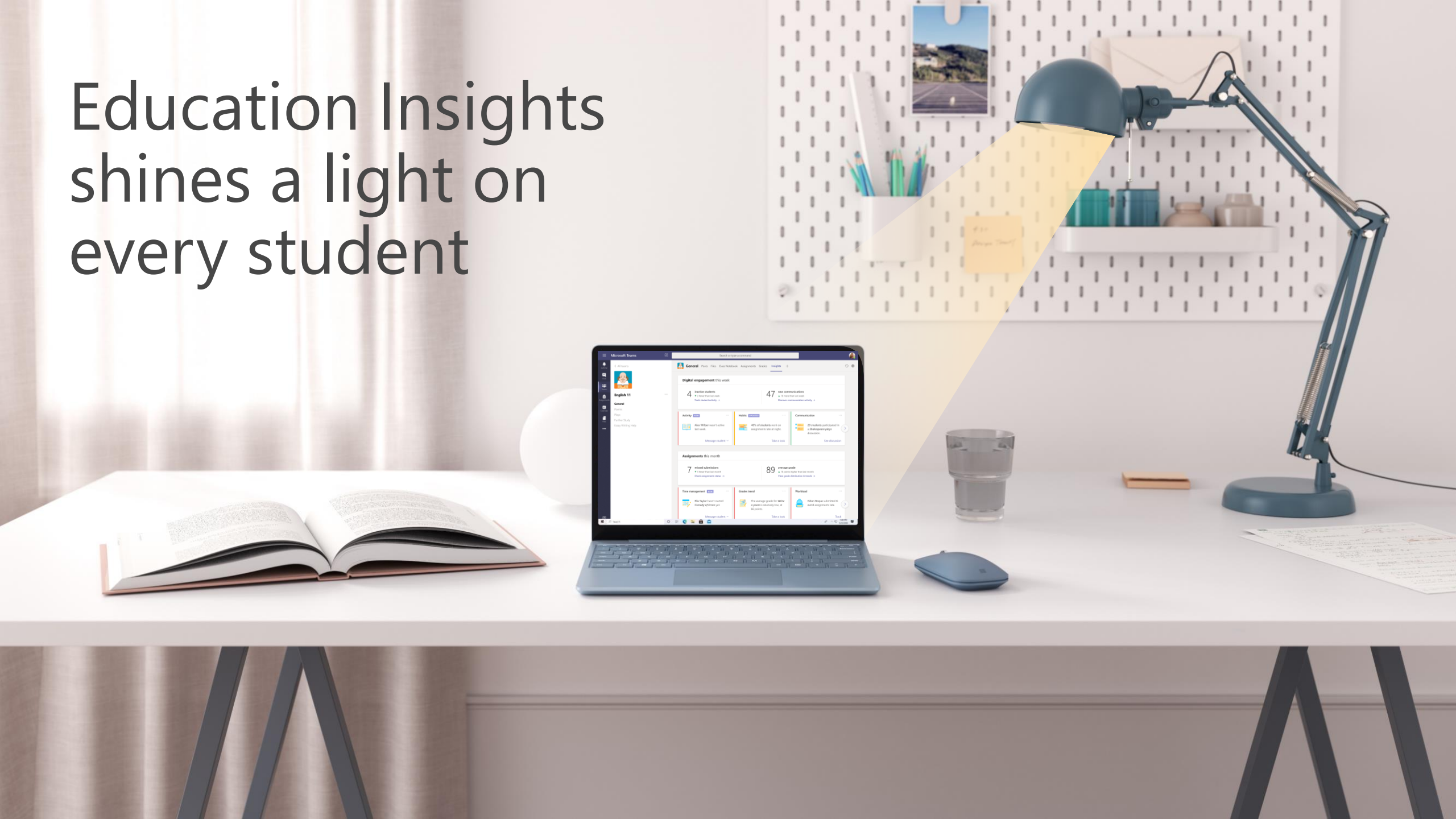
It's hard to teach
in the dark



Analysis of the risks of performance and socialization



Education Insights
shines a light on
every student





Education Insights to help learners thrive



This presentation reflects Microsoft's current expectations about capabilities and features coming to Microsoft Teams over the next several months. Dates and individual features contained in this presentation may change.





Each student has unique experiences, skills, and voice.
Insights helps you understand your students and
respond to their needs.



District | Institution | College

School/
Class

Student



Insights to build a thriving learning community



Identify academic skills, emotional needs, and student superpowers.

識別學術技能、情感需求和學生超能力



Create learning opportunities and provide individualized feedback.

創造學習機會並提供個性化嘅反饋



Reflect on instruction and student performance with data-driven insights 透過數據驅動嘅見解思考教學同學生表現

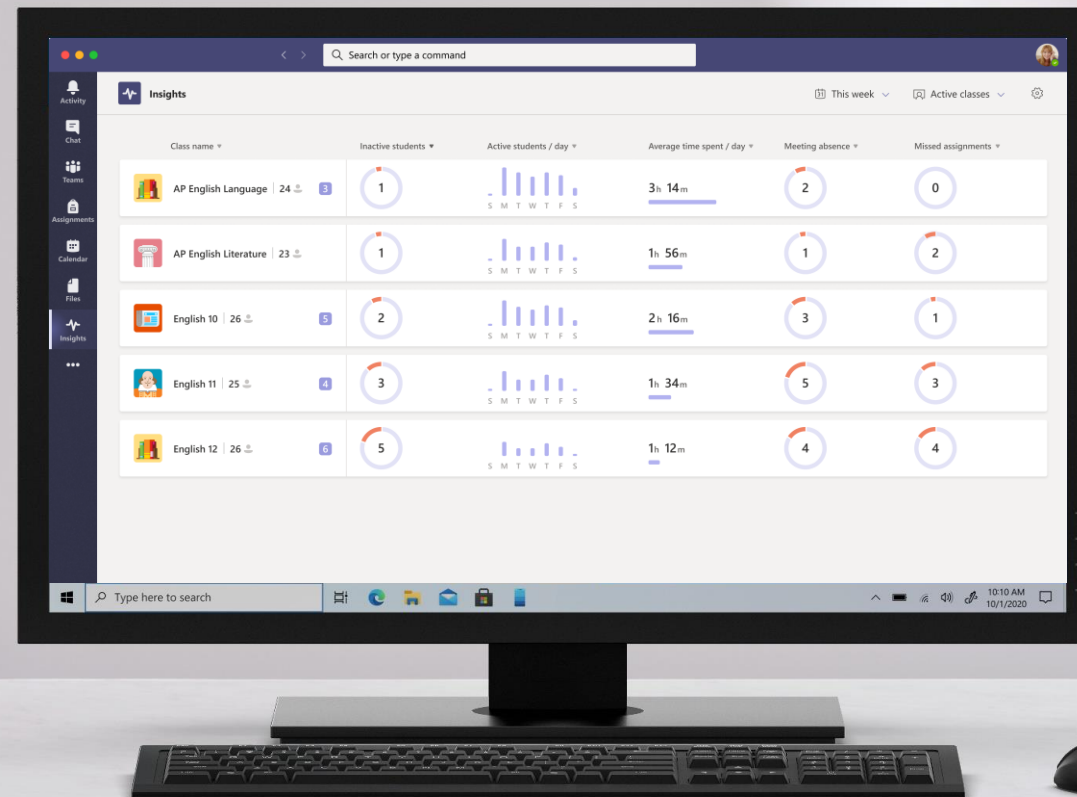


Collaborate across classrooms to improve learning outcomes.

跨教室拍檔，提高學習效果



Meaningful and reliable data to **make informed decisions**





Identification



Reflection

Taking action



Discussion

Identification



Grades

NEW



Jasmine Miller received 98 on her last assignment but turned it in late.



Meetings



Jasmine Miller joined 4 out of 5 meetings late last week.





Three overlapping screenshots of the Microsoft Teams interface, illustrating digital activity tracking and reflection.

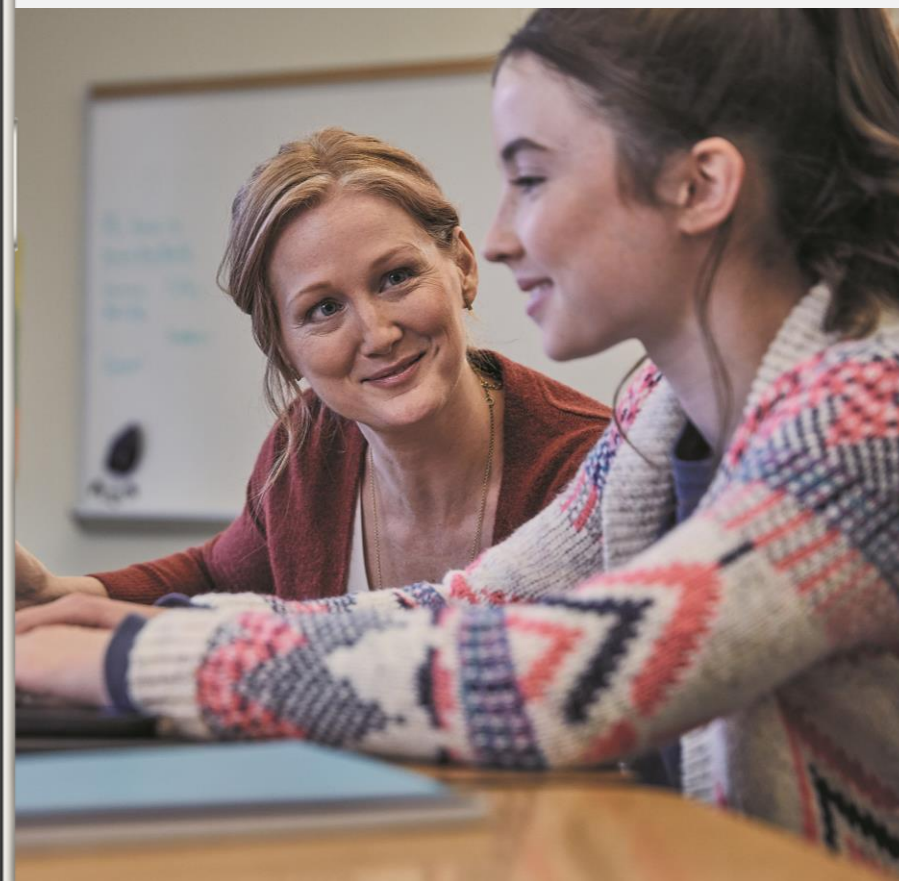
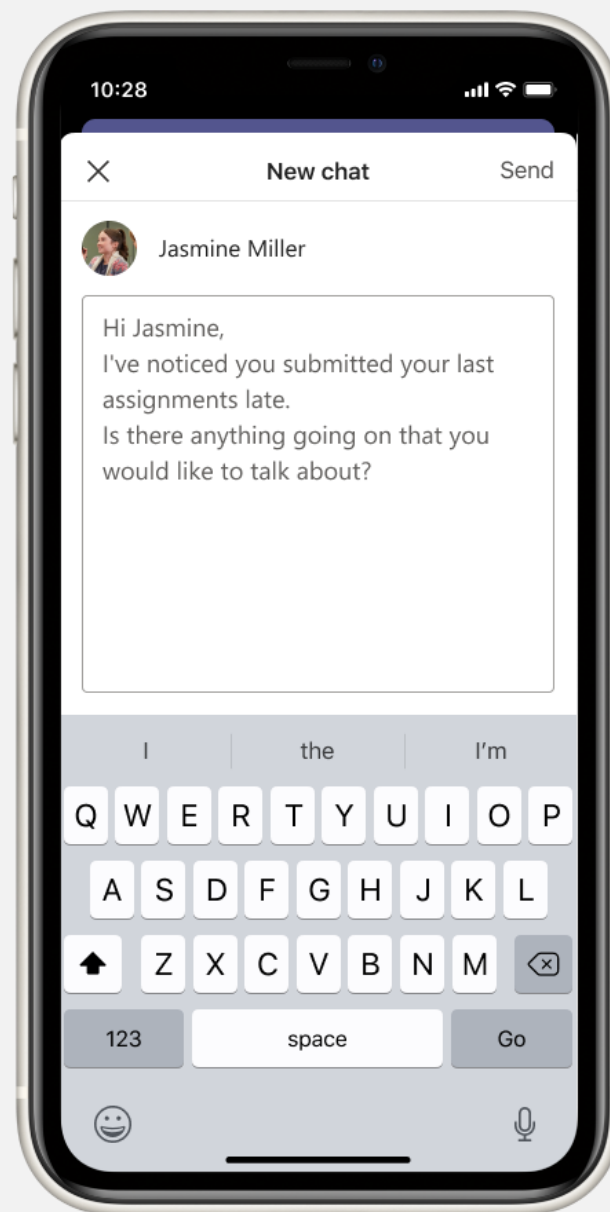
The top screenshot shows the 'Grades' tab in the 'General' channel of the 'English 11' team. The middle screenshot shows the 'Communication activity' tab. The bottom screenshot shows the 'Digital activity' tab, which displays a timeline of activities for students.

Digital activity timeline (09:40 AM):

Student	Activity	Time
Andresen, Finn	Open file: The Complete Work of Shak...pptx	09:40 AM
Andresen, Finn	Open file: Shakespeare plays.docx	09:40 AM
Andresen, Finn	Edit file: My poem.docx	09:40 AM
Andresen, Finn	Posts: 3	09:40 AM
Andresen, Finn	Reactions: 4	09:40 AM
Baraa, Wesam	Activity	09:40 AM
Dam, Lan	Activity	09:40 AM
Espeseth, Ingjerd	Activity	09:40 AM
Kovalev, Rodic	Activity	09:40 AM
Langen, Nanet	Activity	09:40 AM



Discussion



Taking action



Time management

UPDATED



Jasmine Miller turned in the last 2 assignments on time.



Meetings

UPDATED



Jasmine Miller is no longer late for meetings.

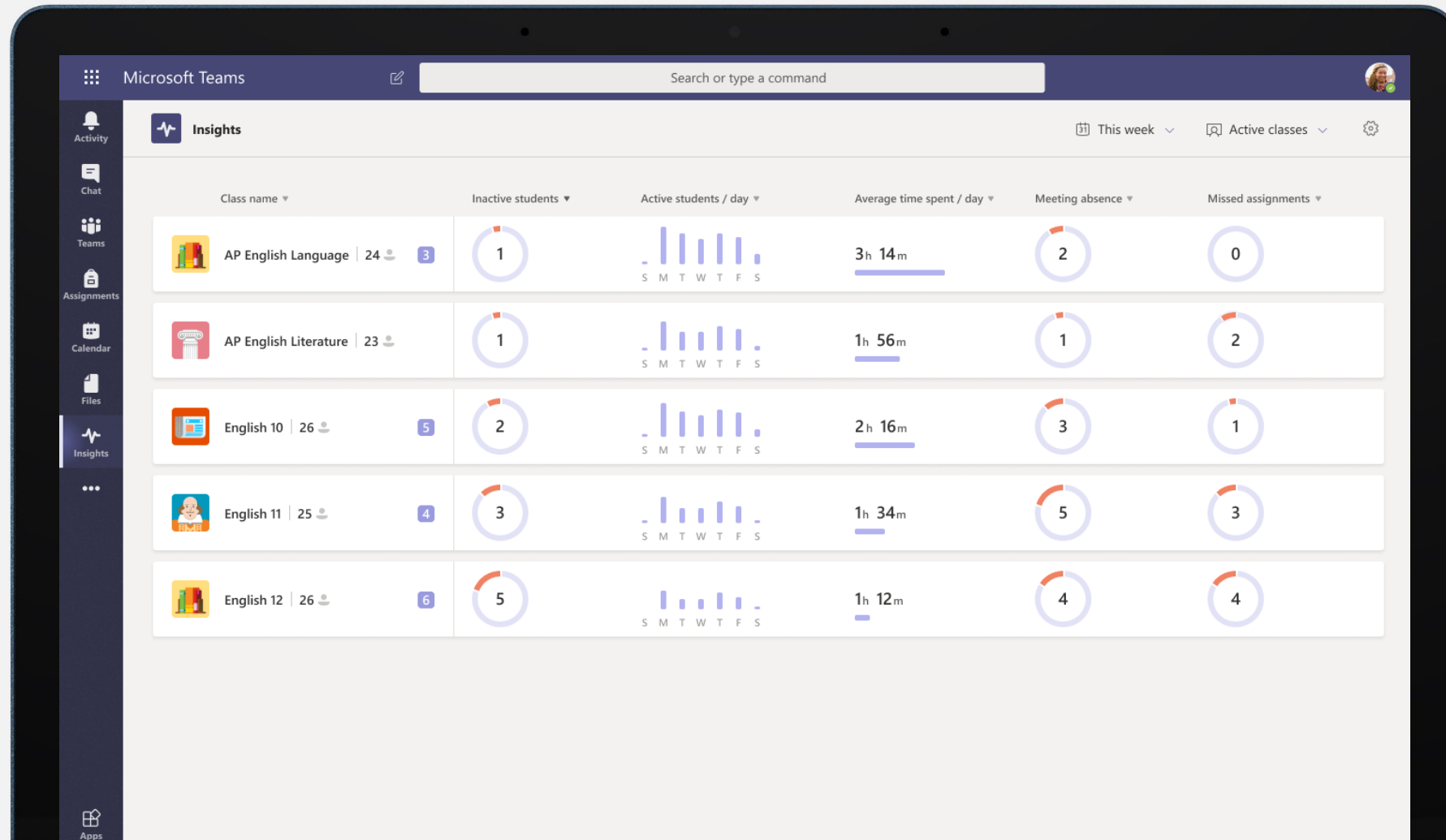


Insights at the Classroom level



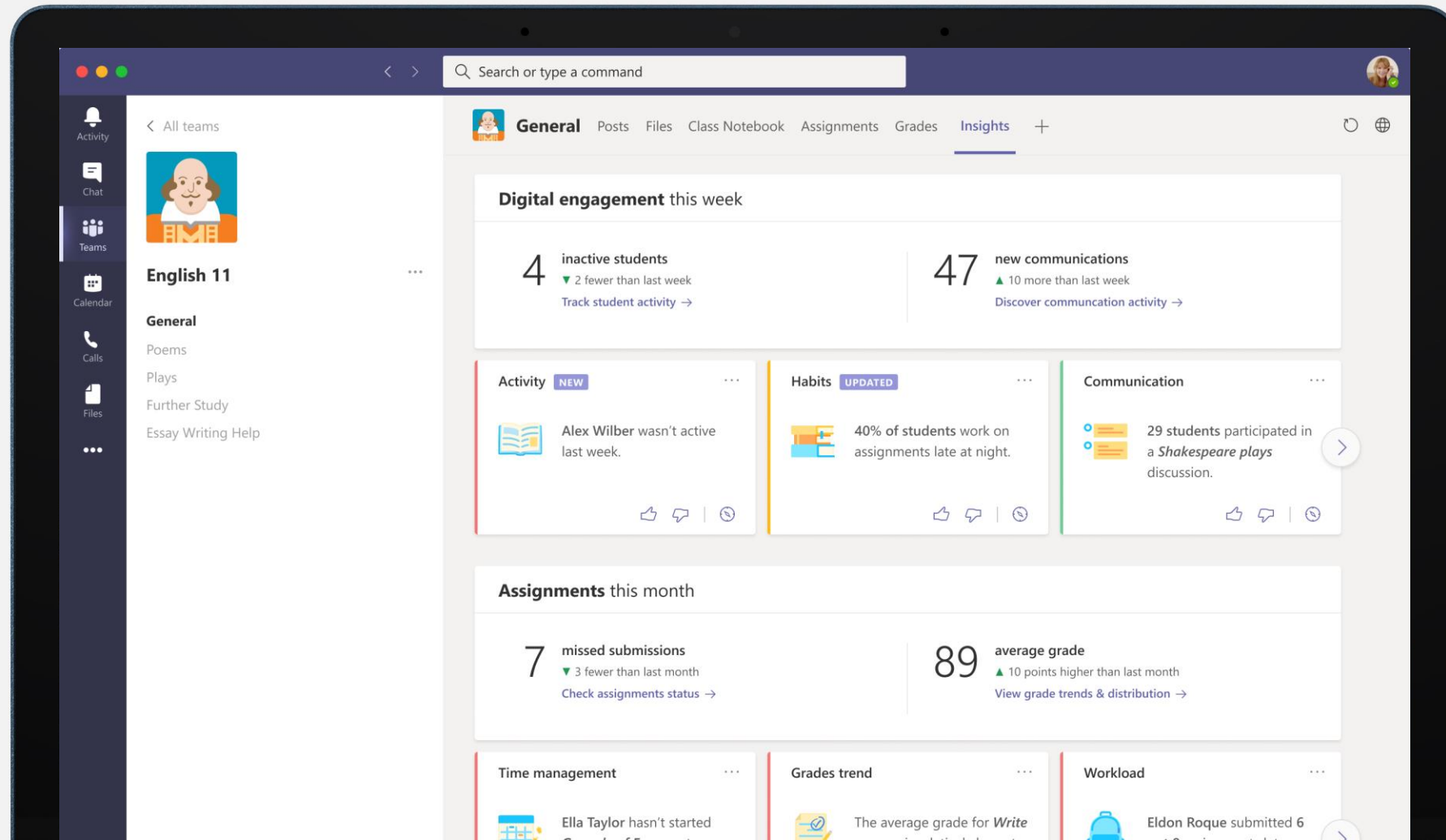
Your classes

Quickly spot what needs attention



Class overview

Understand class engagement and student learning



Spotlights

Quick to read actionable insights

Activity

NEW

...



Alex Wilber wasn't active last week.



Habits

UPDATED

...



40% of students work on assignments late at night.



Time management

...

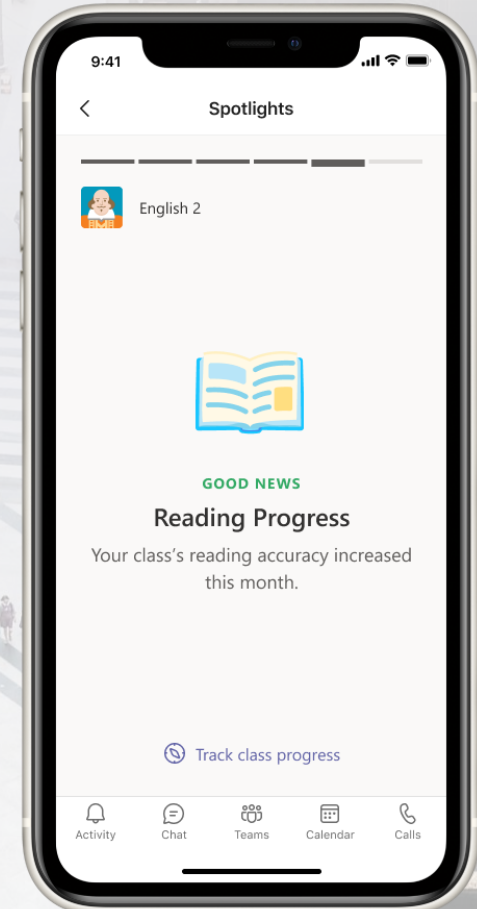
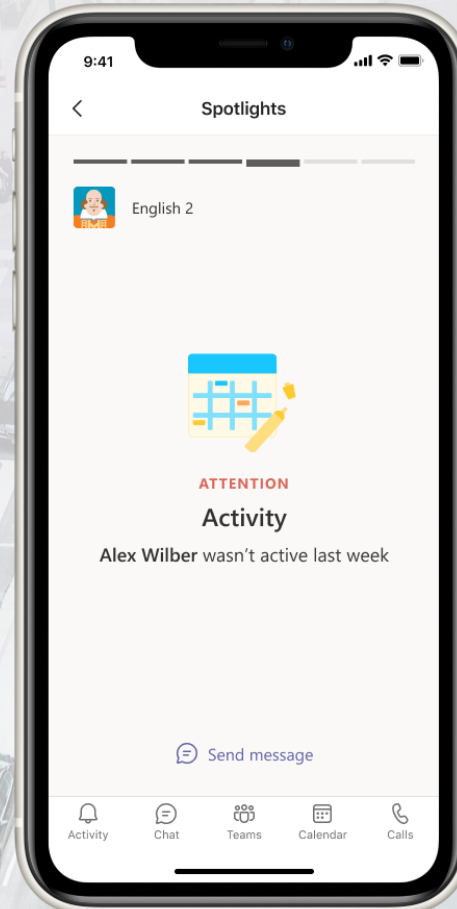
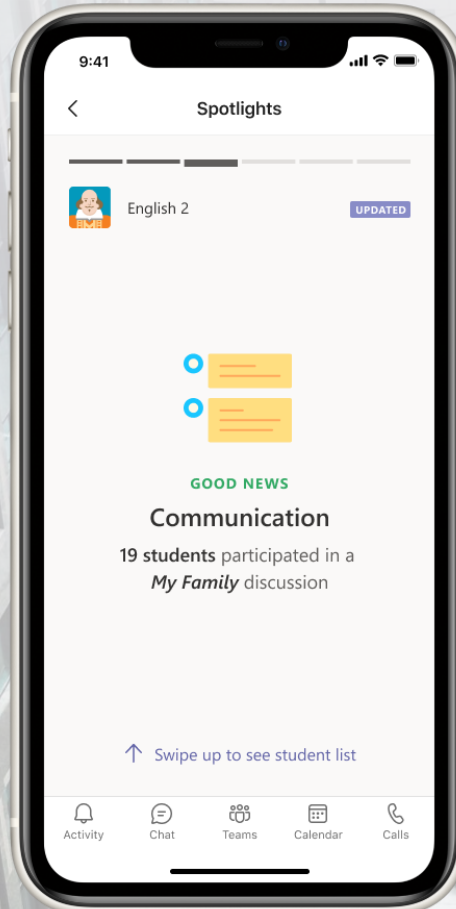
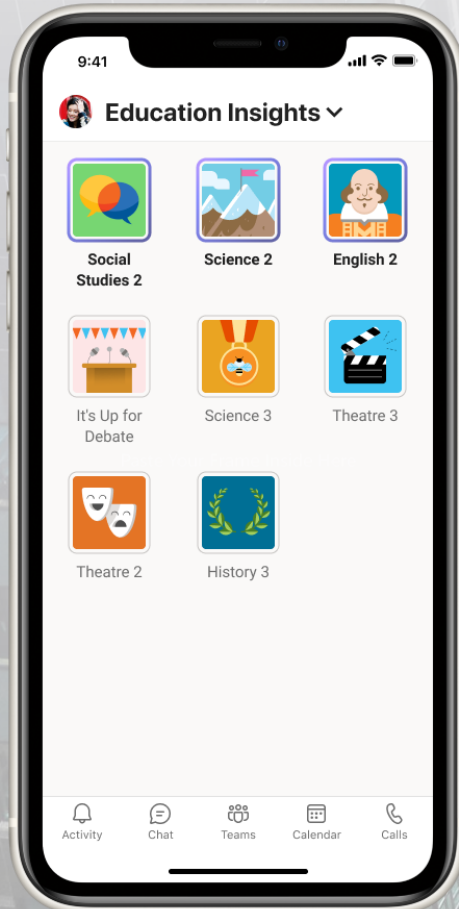


Ella Taylor hasn't started *Comedy of Errors* assignment yet.



Spotlights

Quick to read actionable insights **on the go**



Planned Spotlights

Early indication for students might need more support

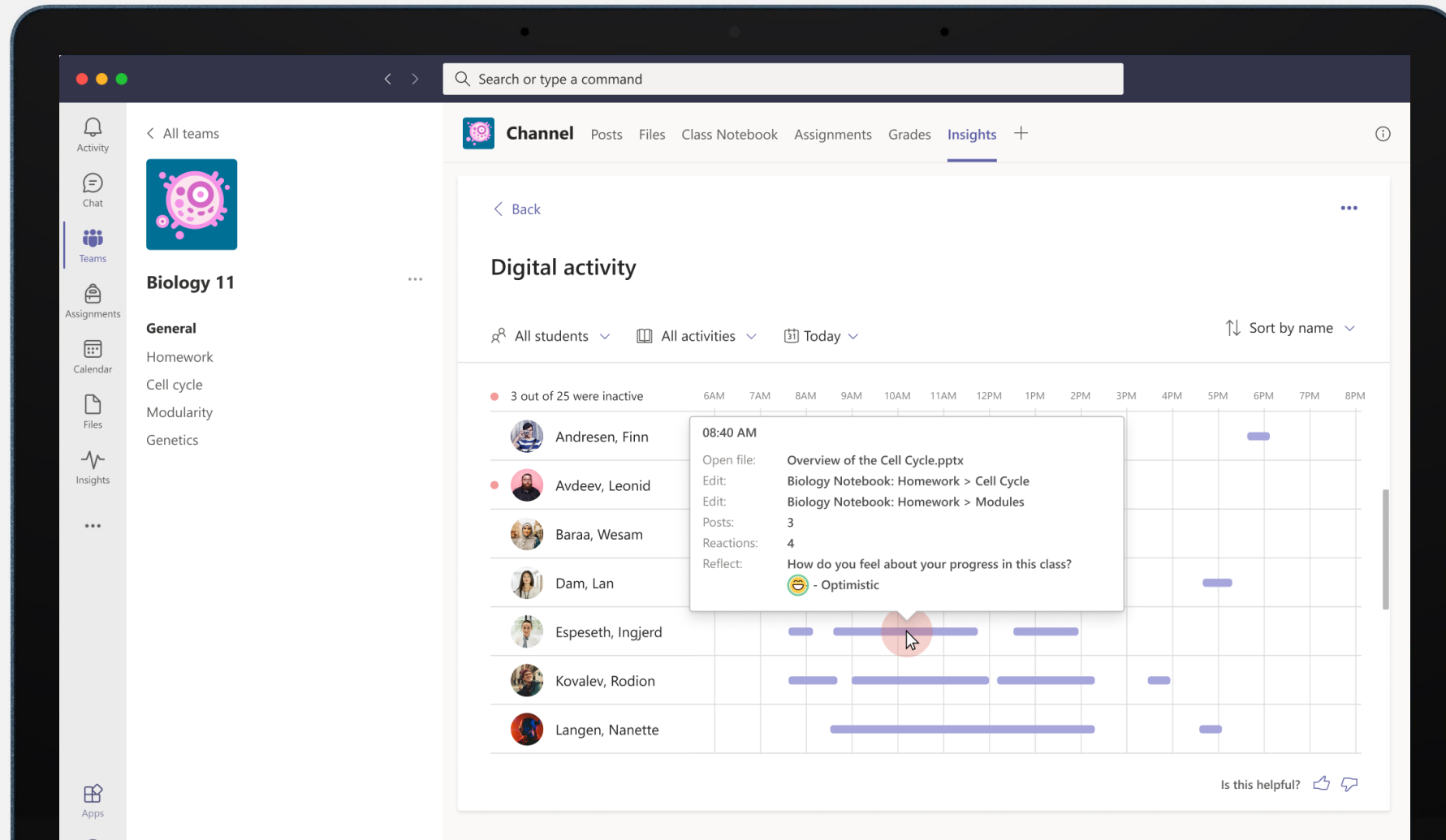
The screenshot displays the Microsoft Teams 'Insights' section. A pop-up window titled '5 students might need more support next week.' is centered on the screen. The background interface shows a search bar at the top, a left-hand navigation menu with icons for Activity, Chat, Teams, Assignments, Calendar, and Files, and a main content area with various data cards. One card shows '36 Spotlights (12 New)' and another shows 'English 9 > Activity' with a note about Alex Wilber. The pop-up window contains a table with student names and suggested talking points.

Student	Suggested talking points
Black, Annette	Recently explored fewer conversations
Cooper, Jane	Recently started fewer conversations Recently accessed class materials less than their classmates
Hawkins, Guy	Recently started assignments later than their classmates Recently explored fewer conversations
Miles, Floyd	Appeared less in class compared to their classmates
Robertson, Darlene	Recently started assignments later than their classmates Recently responded less to messages

Close

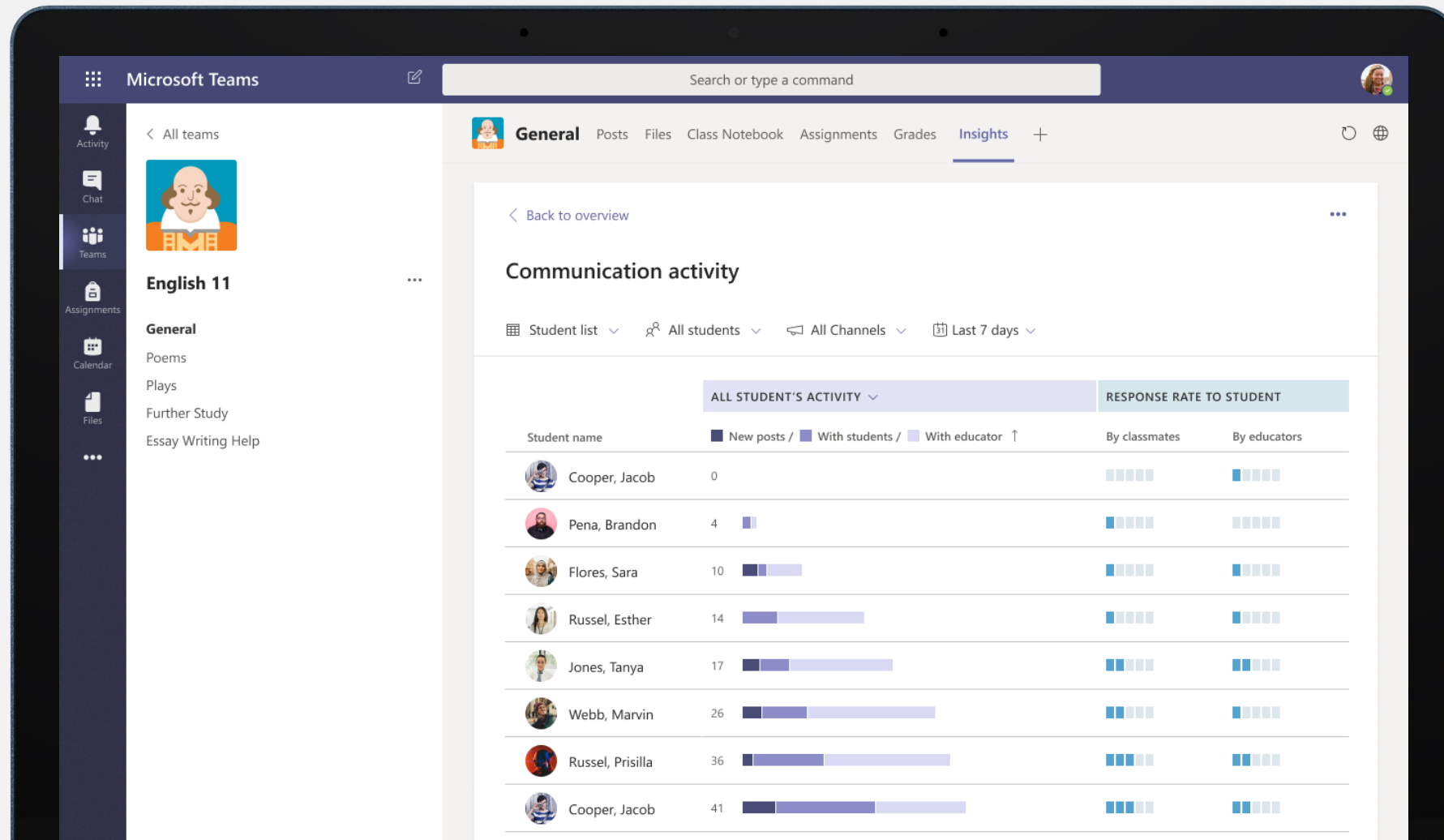
Digital activity

Understand how your students engaged during the day



Communication activity

Discover how students communicate with their classmates



Assignment status

Check how your students are progressing with assignments

The screenshot displays the Microsoft Teams interface. On the left, a sidebar shows navigation options: Activity, Chat, Teams, Assignments, Calendar, Files, and Apps. The main area is titled 'English 11' and shows a list of assignments: General, Poems, Plays, Further Study, and Essay Writing Help. The 'General' tab is selected, showing a table of assignment status.

Assignments status

🔍 All students ▾

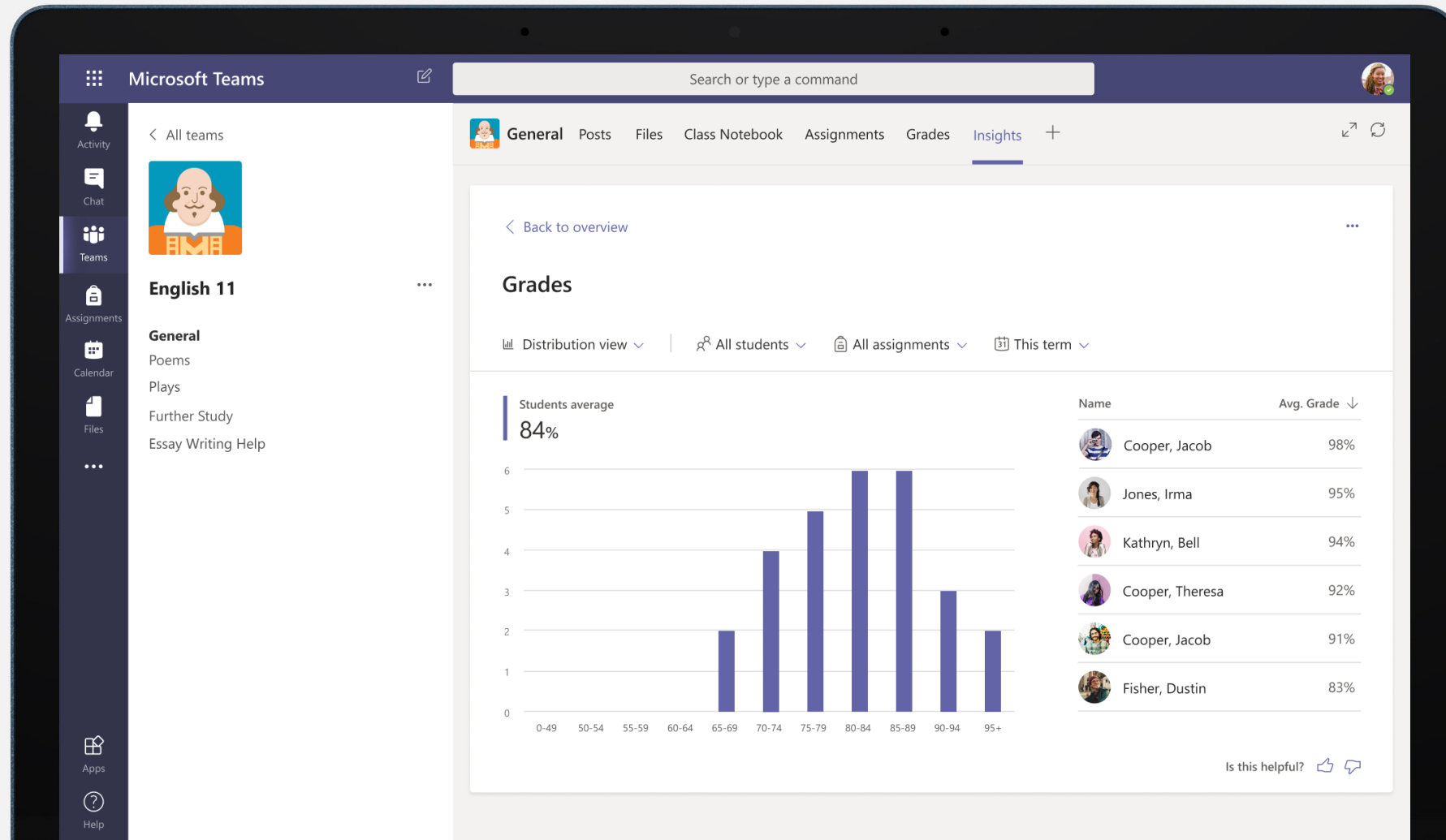
Due date	Title	STUDENT PROGRESS				TURNED-INS STATISTICS		
		Assigned	Viewed	Turned in	Returned	On time	Late	Multiple
Tomorrow	Othello	12	24	3	0	3	0	0
Today	Macbeth	0	11	25	0	36	0	0
Yesterday	Comedy of Errors	0	2	32	0	32	2	0
May 24	Romeo and Juliet	0	0	0	34	30	4	0
May 17	Troilus and Cressida	1	0	0	33	32	1	1
May 10	Twelfth night	0	0	0	34	32	2	0

[Load more assignments](#)

Is this helpful? [👍](#) [👎](#)

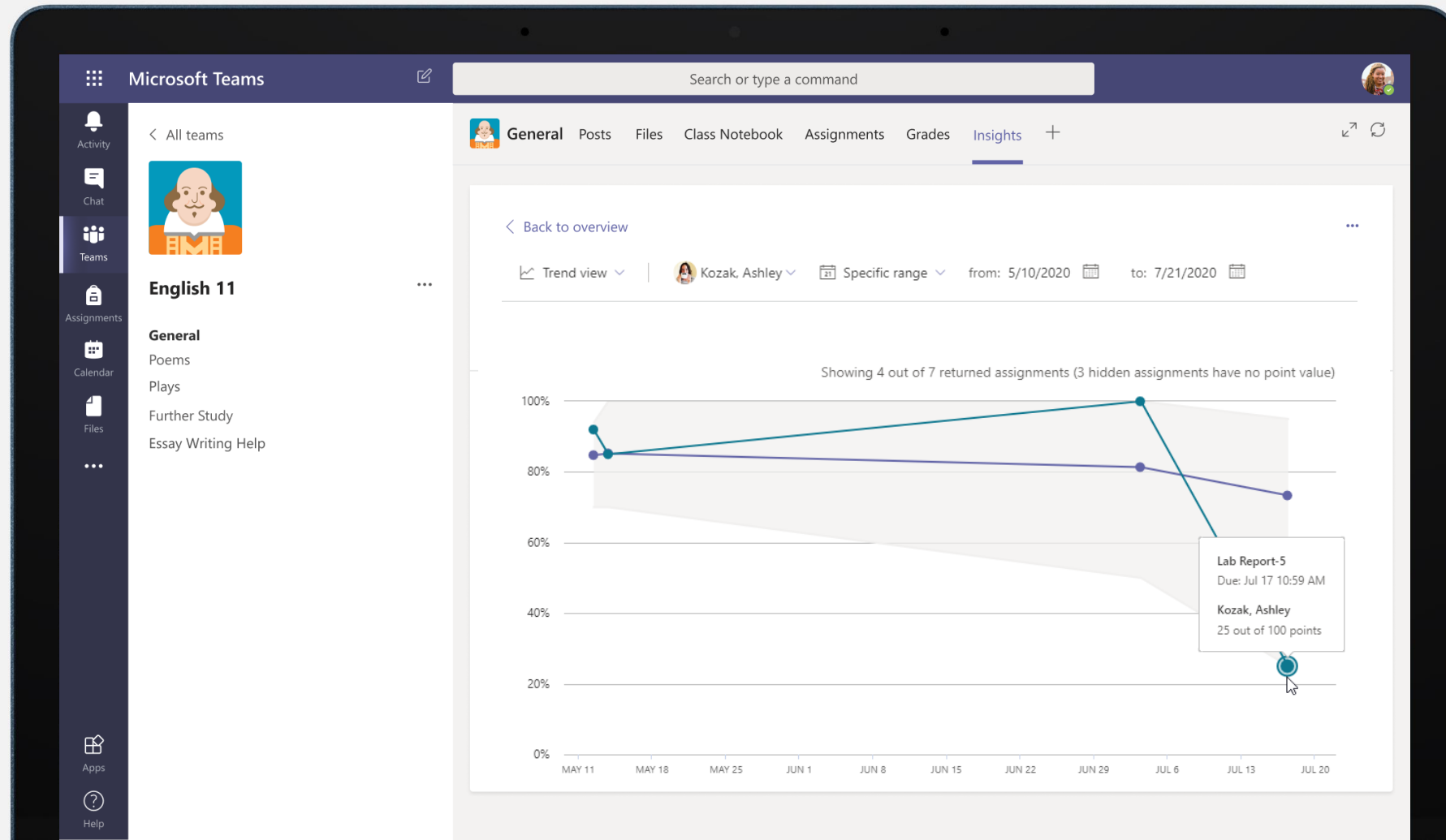
Grades

View the distribution of grades



Grades

Check a student's progress over time



Reading Progress

Support and track reading fluency in your class

Search, launch, and command

Activity Chat Teams Calendar Files Assignments Store

Geography of the Earth

Krystal McKinney

Attempts: 2 Level: B Words: 207 Insights

41 Correct Words per Minute

83% Accuracy Rate

5 Mispronunciations 2 Omissions 1 Self-corrections 1 Insertions 0 Repetitions

Auto-Detect Pronunciation sensitivity Low

The study of Earth's **landforms** is called physical geography. Landforms can be mountains and valleys. They can also be **glaciers**, lakes, or rivers. Landforms are sometimes called physical features. It is important for students to know about the physical geography of Earth.

The seasons, the **atmosphere** and all **the** natural processes of Earth affect where people are able to live. G... ne of a **combination** of factors that people use to decid... want to live.

The **physical** features of a regio... h in resources. Within a nation, mountain ranges becom... ders for settlement areas. In the U.S., major mountain range... a Nevada, the Rocky Mountains, and the Appalachia...

Fresh water sources also influence where people settle. People need water

Student work
Turned in Oct 14th at 9:51pm View history

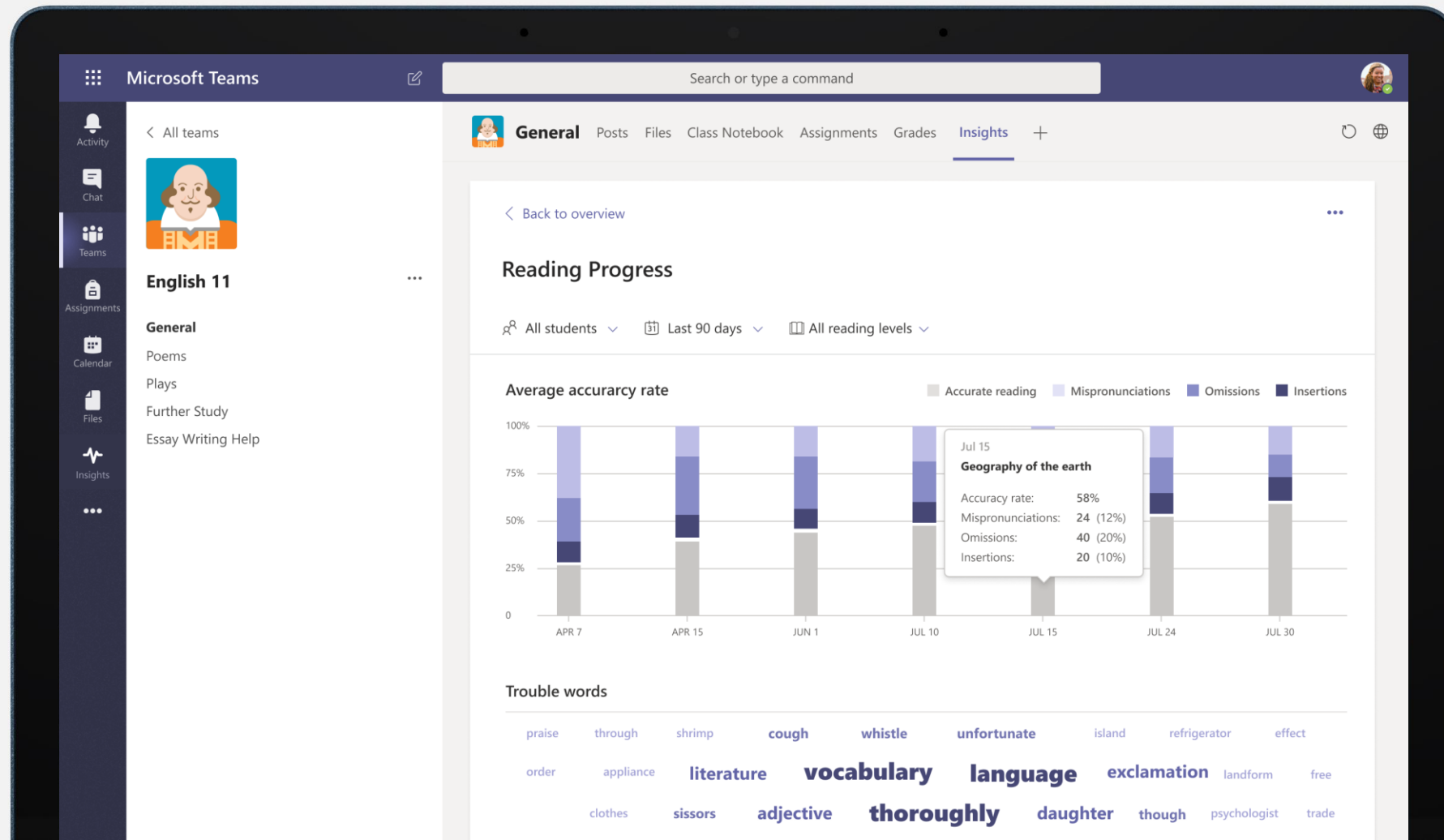
Geography of the Earth

Feedback
Enter feedback for this assignment (max. 1000 characters)

Return

Reading Progress

Support and track reading fluency in your class



Premium

Your classes settings

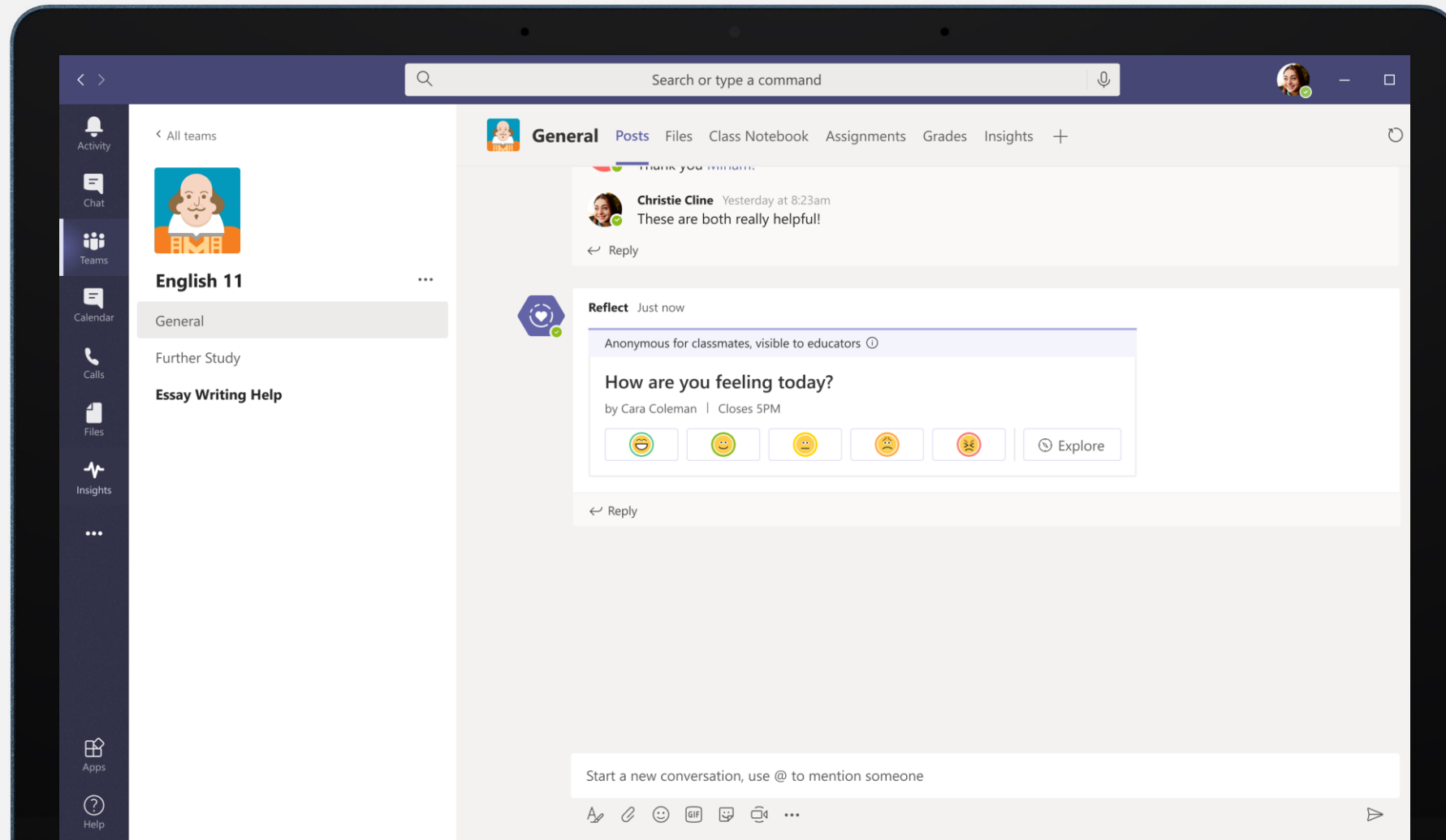
Share Insights and collaborate with educational leaders

The screenshot displays the Microsoft Teams 'Insights' interface on a tablet. The top navigation bar includes a search bar and a user profile icon. The left sidebar contains icons for Activity, Chat, Teams, Calendar, Calls, Files, and Insights (which is currently selected). The main content area is titled 'Insights' and shows 'Your classes settings'. At the top of this section are filters: 'Change school', 'Change subject', 'Change grade level', 'Show/Hide for me', and 'Change class sharing settings'. A '3 selected' indicator is visible on the right. Below the filters is a table with columns: Class, School, Subject, Grade level, Show for me, and Shared with. The table lists various classes, with English 9, 10, and 11, and Math 11 being selected. The 'Shared with' column shows user avatars, with 'LB' (Linda B.) appearing next to Math 10 and Math 11.

Class	School	Subject	Grade level	Show for me	Shared with
English 8	None	None	None	Yes	
✓ English 9	None	None	None	Yes	
✓ English 10	None	None	None	Yes	
✓ English 11	None	None	None	Yes	
English 12	None	None	None	Yes	
Math 8	None	None	None	Yes	
Math 9	None	None	None	Yes	
Math 10	None	None	None	Yes	LB
Math 11	None	None	None	Yes	LB

Reflect

Make space for students to share how they feel



Reflect

Understand class and individual mood

The screenshot shows a Microsoft Teams interface with a 'Reflect' poll overlay. The poll is titled 'How are you feeling today?' and is anonymous for classmates but visible to educators. It was created by Cara Coleman on Sep 20, 2020, and closes at 5 PM. The poll shows a progress bar at 30% (8 responses).

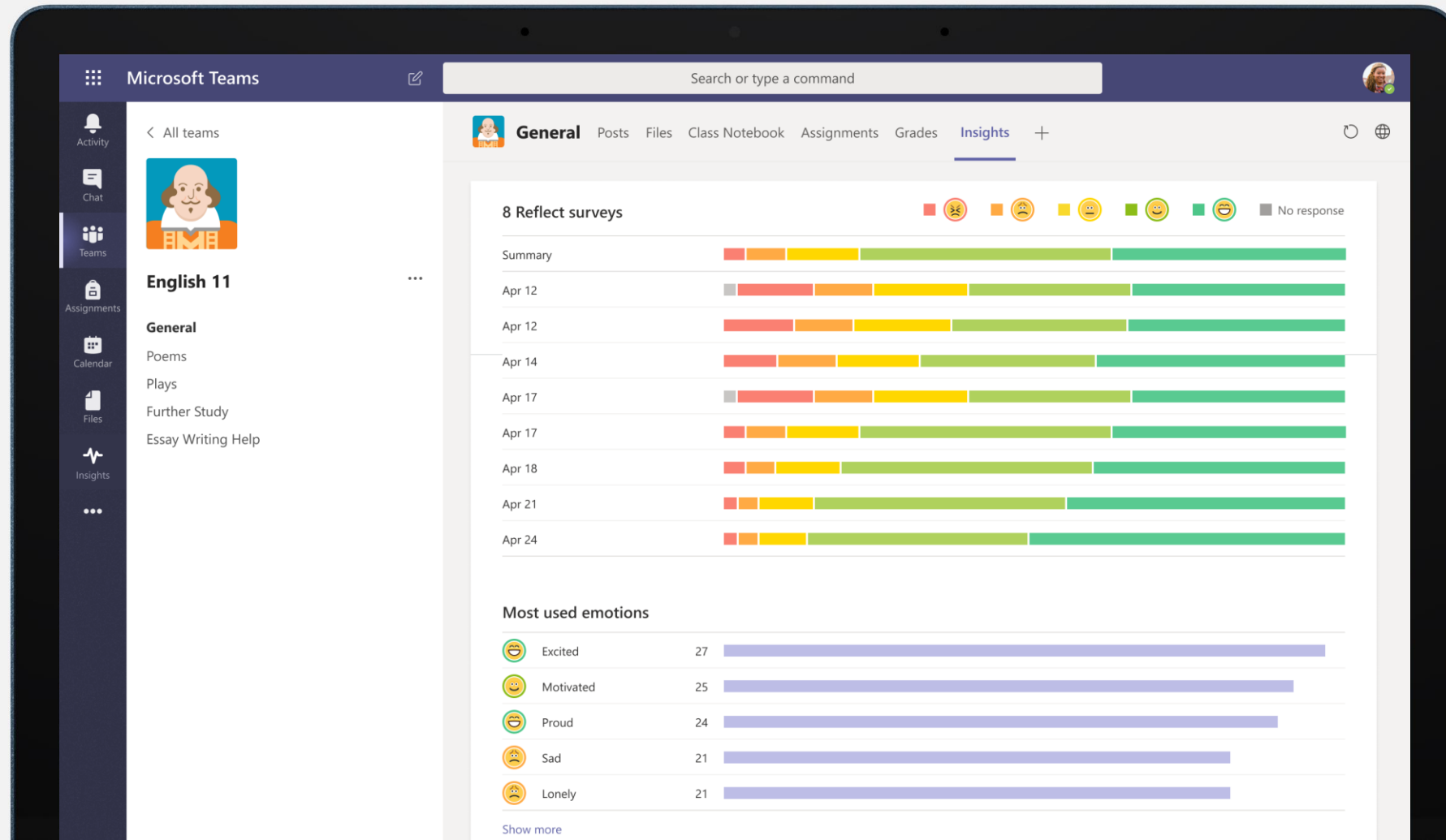
The poll results are as follows:

Name	Current emotion	Previous reflections
EJ Evans, Jamie	Balanced	Aug 12 Motivated
Cline, Christie	Balanced	😊😊😊😊😊
BD Banis, Darius	Greatful	😊😊😊😊😊
GA Grgic, Anja	Loving	😊😊😊😊😊
Lando, Guy	Proud	😊😊😊😊😊

The background shows the Microsoft Teams interface with the 'English 11' team selected. The left sidebar includes navigation icons for Activity, Chat, Teams, Calendar, Calls, Files, Insights, and Apps. The top bar includes a search bar and a user profile icon.

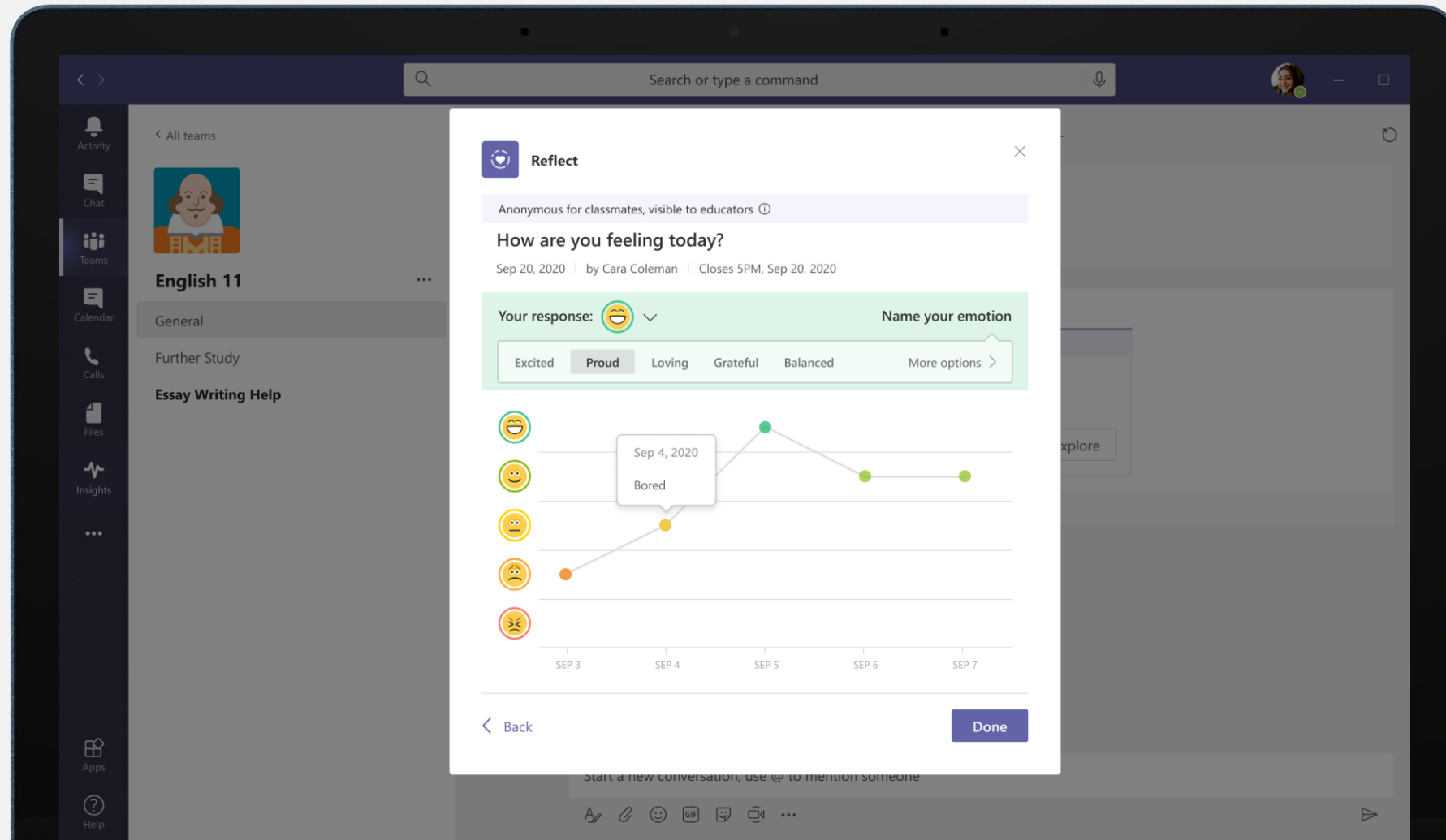
Reflect

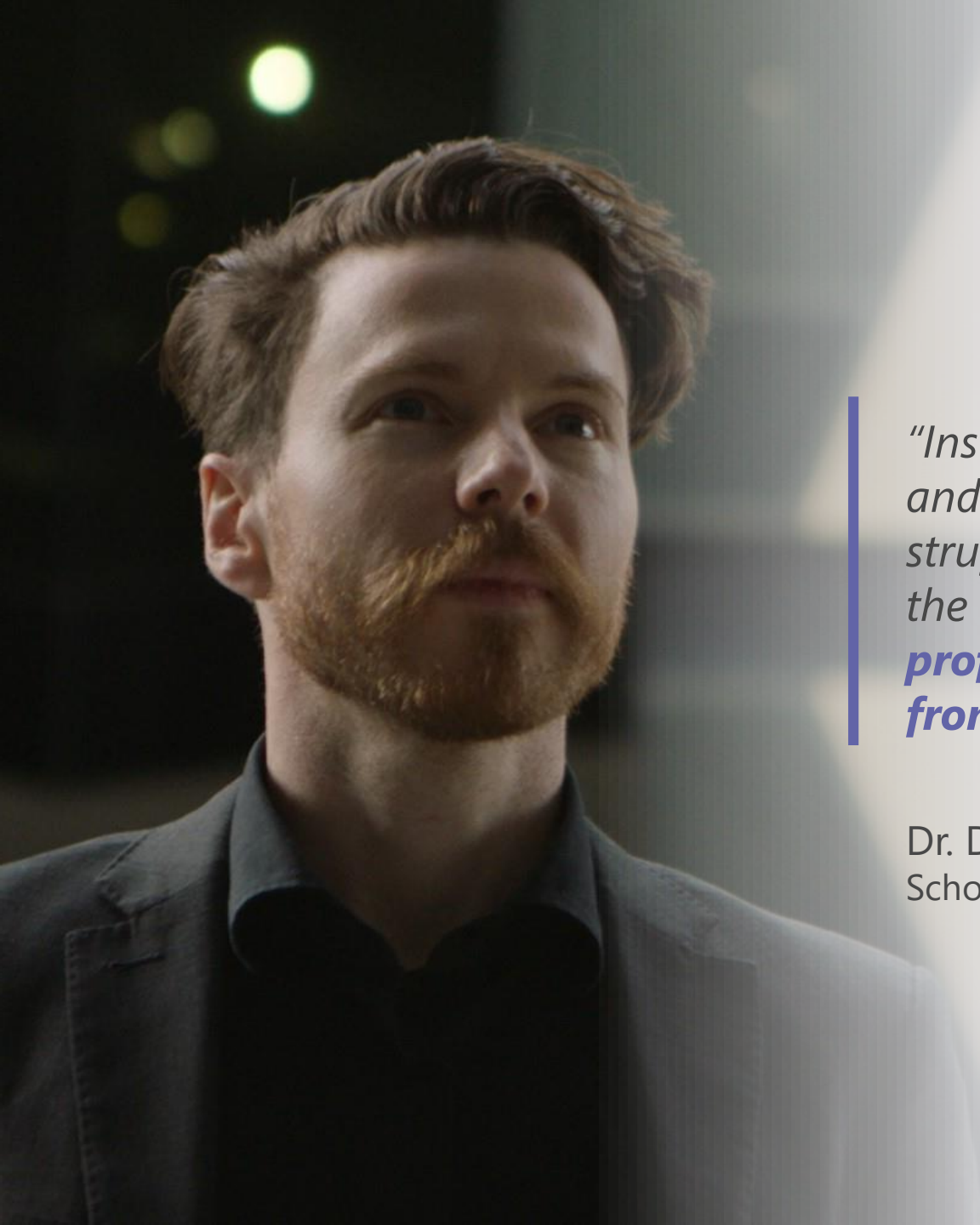
Identify opportunities for growth and support



Reflect

Practice self-expression and emotional granularity





*"Insights has become an essential part of how I understand and connect with my students. It has helped me connect with struggling students on a personal level, and to understand the broader trends in my classroom. **Every teacher, professor or instructor on Teams has something to learn from Insights.**"*

Dr. David Kellermann
School of Mechanical and Manufacturing Engineering, UNSW



We are here to support

Learn more about Insights:

<https://aka.ms/InsightsPremium>

Learn more about Reflect:

<https://aka.ms/reflect>

Education reimagined: Blended learning to support all learners

Make learning inclusive, personalized, and student-centered by
blending remote and physical classrooms.

GET STARTED



Popular training and resources to get started

K-12 Educators

Higher Education



Hybrid learning: A new model for the future of
learning

COURSE



Getting started with Office 365 and Windows

LEARNING PATH



Transform Learning with Microsoft Teams

COURSE



Special education and accessibility resources for
remote learning

RESOURCE



Microsoft Education

Edu DAY

Microsoft 香港教育研討日2021

Microsoft Hong Kong EduDay

Microsoft

Microsoft

Thank you for **inspiring us!** 