



Microsoft Teams

More engaging classroom

Project Overview

We want to increase Microsoft Teams presence as a tool used by students. Our design leverages learning engagement and highlights the positive impact of anonymity in online learning environments.



Problem

Microsoft Teams streamlines workflows for collaborative teamwork for businesses; however, it isn't adopted as a communication tool among the student community

Problem

When in class, students often use many Online communication tools where information isn't centralized and it is generally difficult to engage with the professor in large class sizes.

Goals

01

Reduce the difficulty of absorbing information in lectures

02

To help professors better engage with the students and facilitate better peer-to-peer learning experience

Key Interactions

To ensure that we achieve our goals by the end of our design process, I designed interfaces that work towards each of our goals.



Goals 1a

The screenshot displays a Microsoft PowerPoint application window. The title bar shows the file name 'OceansPresentation_Po...' and a search bar. The ribbon includes 'File', 'Home', 'Insert', 'Design', 'Transitions', 'Animations', and 'Slide Show'. The main slide area shows slide 3 of 8, titled 'How do oceans work?'. The slide content includes a definition of an ocean and a large image of coral reefs. A 'Comments' pane on the right shows a conversation with James Hobbs, with a 'Start a conversation' input field and a toggle for 'Anonymous Mode'. The status bar at the bottom indicates 'Slide 3 of 8', 'English (U.S.)', and '49%' zoom.

Goals 1b

OceansPresentation_Po... Search or type a command

File Home Insert Design Transitions Animations Slide Show Tell me what you want to do Conversation Close

1 An Inside Look At Our Oceans

2

3 How do oceans work?

4 How deep is the ocean?

5 How do sharks swim?

Slide 3 of 8 English (U.S.) Help Improve Office Notes 49%

Comments

New

JH James Hobbs

What is sayline water?

You are on **Anonymous Mode**. Your peers can't see your identity, but your professor can.

Goals 1c

The screenshot shows a Microsoft PowerPoint application window titled "OceansPresentation_Po...". The ribbon includes "File", "Home", "Insert", "Design", "Transitions", "Animations", "Slide Show", and "Tell me what you want to do". The main slide area displays slide 3 of 8, titled "How do oceans work?". The slide content includes a definition of an ocean and a list of major oceans. A comment from James Hobbs asks "What is sayline water?". The status bar at the bottom indicates "Slide 3 of 8", "English (U.S.)", and "49%".

Slide 3 Content:

An ocean is a body of sayline water that makes up much of a planet's mass. The ocean is one of the major conventional divisions of the planet. These are, in descending order by area, the Pacific, Atlantic, Indian, Southern, and Arctic Oceans. The word sea is often used with "ocean" in American English but a sea is a body of saline water partly or fully enclosed by land. (Ocean, n.d.)

Comments:

- James Hobbs:** What is sayline water?
- Anonymous Student:** Saline water is water that contains a high concentration of dissolved salts. 10 people found this helpful. Professor Approved.

Goals 2a

Search or type a command

JB

Save the earth lesson plan

Question Analytics

50+ 20 10 2

Lesson Plan: Soil Science

Unit 4, Ch. 2

The environmental pollution phenomena which received increasing attention in recent phenomenon, especially in light of industrial progress witnessed by the contemporary world. And despite the fact that this phenomenon is not new and existed since ancient times, but that is where the new multiplicity and diversity of sources of pollution and its adverse effects. Data strongly suggest that effects have no threshold within the studied range of ambient concentrations, can occur at levels close to PM2.5 background concentrations and that they follow a mostly linear concentration–response function. Having firmly established this significant public health problem, there has been an enormous effort to identify what it is in ambient PM that affects health and to understand the underlying biological basis of toxicity by identifying mechanistic pathways—information that in turn will inform policy makers how best to legislate for cleaner air. Another intervention in moving towards a healthier environment depends upon the achieving the right public attitude and behavior by the use of optimal air pollution monitoring, forecasting and reporting that exploits increasingly sophisticated information systems.

simple soil science

Page 1 of 1 3 of 229 words English - 100% +

Goals 2b

The screenshot shows a Microsoft Teams meeting interface. At the top, there's a search bar and a user profile icon (JB). The main content area displays a document titled "Lesson Plan: Soil Science" under the heading "Unit 4, Ch. 2". The text discusses environmental pollution and mentions "PM2.5 background concentrations". To the right of the text is an image titled "simple soil science" showing three test tubes with soil samples. A discussion sidebar on the right lists comments from James Hobbs, Laura Sun, and Jaime Omead, each with a "Professor Approved" badge. The bottom status bar shows "Page 1 of 1", "3 of 229 words", "English", and a zoom level of "100%".

Lesson Plan: Soil Science
Unit 4, Ch. 2

The environmental pollution phenomena which received increasing attention in recent phenomenon, especially in light of industrial progress witnessed by the contemporary world. And despite the fact that this phenomenon is not new and existed since ancient times, but that is where the new multiplicity and diversity of sources of pollution and its adverse effects. Data strongly suggest that effects have no threshold within the studied range of ambient concentrations, can occur at levels close to **PM2.5 background concentrations** and that they follow a mostly linear concentration–response function. Having firmly established this significant public health problem, there has been an enormous effort to identify what it is in ambient PM that affects health and to understand the underlying biological basis of toxicity by identifying mechanistic pathways—information that in turn will inform policy makers how best to legislate for cleaner air. Another intervention in moving towards a healthier environment depends upon the achieving the right public attitude and behavior by the use of optimal air pollution monitoring, forecasting and reporting that exploits increasingly sophisticated information systems.

simple soil science

James Hobbs
Lorem ipsum dolor sit amet, consectetur adipiscing elit?

Laura Sun
Sed ut perspiciatis unde omnis iste natus error sit voluptatem.
20 people found this helpful
Professor Approved

Jaime Omead
Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.
5 people found this helpful
Professor Approved

Page 1 of 1 3 of 229 words English - 100% +

Goals 2c

The screenshot displays the Microsoft Teams interface for a team named "Pineview School Science Teachers". The left sidebar shows navigation options: Activity, Chat, Teams, Assignments, Calendar, Calls, Files, Get app, Apps, and Help. The main content area is titled "Lesson Analytics" and shows data for two weeks. Each week contains two lesson cards, one for Word and one for PowerPoint. Each card displays a title, a Word or PowerPoint icon, and a list of three metrics with values in red boxes. The Word cards have values of 50+, 20, and 10, while the PowerPoint cards have values of 70+, 20, and 5 (for Week 1) or 80+, 20, and 10 (for Week 2). The bottom status bar indicates "Page 1 of 1", "229 words", "English", and a zoom level of "100%".

Search or type a command

All teams

Pineview School Scienc... ⋮

General

Lesson Plans

Parent Communication

Lesson Analytics

Week 1: September 9 – September 13

Document Type	Document Title	Metric 1	Metric 2	Metric 3
Word	Save the earth lesson plan	50+	20	10
PowerPoint	Sed ut perspiciatis unde	70+	20	5

Week 2: September 16 – September 20

Document Type	Document Title	Metric 1	Metric 2	Metric 3
Word	Quis autem vel eum iure	50+	20	10
PowerPoint	Ut enim ad minima veniam	80+	20	10

Page 1 of 1 229 words English - 100% +

Measuring Success

1. Overall completion rate – % of questions getting posted and answered in the class
2. Overall student engagement on discussions on the platform
3. Professors' engagement rate on the Learning Analytics dashboard



Final Statement

Anonymity removes the perceived risk of unconscious bias from peers and tutors. Enable anonymity feature is what gets students to be more engaged.

