

# Data-Informed Strategies: Enhancing Assessments for Every Learner

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**OSSE AFE & UDC 2024 - 2025 Mini-Professional Development Institute**

# Agenda

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- Introduction & Goals
- Icebreaker: Assessment Bingo
- Impact of Assessment
- Key Assessment Types
- Case Study: Digital Literacy
- Collaborative Design Activity
- Implementing Data Practices
- Discussion: Data Utilization
- Tech Tools Overview
- Key Takeaways

# Session Goals

- Understand the impact of assessments on student success.
- Navigate different types of assessments for diverse learning contexts.
- Implement data-informed practices in adult education.

# Activity 1: Assessment Mastery Bingo

Certification Exam	Observation	Feedback
Evaluation	Summative	Formative
Pre-Test	Standardized Test	Skills Gap Analysis

myfreebingocards.com

<del>Certification Exam</del>	Observation	Feedback
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Pre-Test	Standardized Test	<del>Skills Gap Analysis</del>

myfreebingocards.com

# Activity 1: Assessment Mastery Bingo

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## Instructions

- Click on the link in the Chat to access your digital Bingo card.  
<https://mfbc.us/m/b7xhzpg>
- On your card, arranged in a 3 x 3 grid, you will have a unique set of terms that relate to assessments.
- You will have about 1-2 minutes to familiarize yourself with the terms.
- When we read a definition, you will click on your Bingo card the square with the term that matches the definition.
- The participant who completes a row (horizontally, vertically, or diagonally) shouts "Bingo!" and shares one assessment strategy s/he uses.

# Key Assessment Terms in Education/IE&T

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## Definition #1

Ongoing assessments that provide feedback to improve student learning during the instructional process.



Source: [www.istockphoto.com](http://www.istockphoto.com)

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# Key Assessment Terms in Education/IE&T (cont.)

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## Definition #2

Information provided to students on their performance to guide improvement.

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Source: <https://www.viewsonic.com>

# Key Assessment Terms in Education/IE&T (cont.)

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## Definition #3

Provided before a new teaching unit to assess prior knowledge.

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Source: <https://www.dreamstime.com>

# Key Assessment Terms in Education/IE&T (cont.)

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## Definition #4

The process of closely monitoring student performance.

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Source: <https://www.shutterstock.com>

# Key Assessment Terms in Education/IE&T (cont.)

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## Definition #5

The process of determining the value or worth of something or someone.



Source: <https://edlab.nl>

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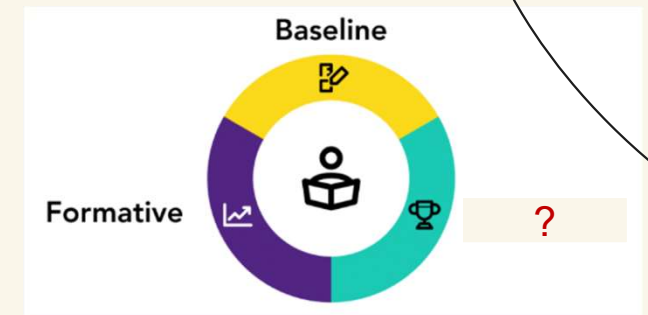
# Key Assessment Terms in Education/IE&T (cont.)

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## Definition #6

Evaluates student learning at the end of an instructional unit by comparing it with a standard or benchmark.

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Source: <https://www.cambridge.org>

# Key Assessment Terms in Education/IE&T (cont.)

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## Definition #7

Identifies the difference between the skills needed for a job and those that the individual currently possesses.



Source: <https://www.shutterstock>

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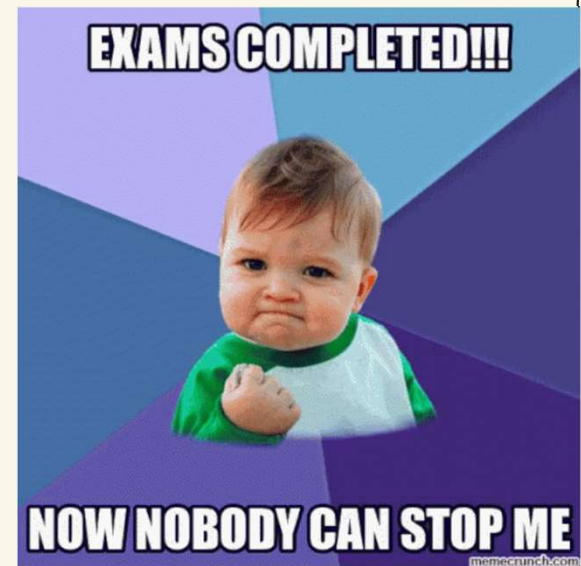
# Key Assessment Terms in Education/IE&T (cont.)

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## Definition #8

A test that validates a person's knowledge, skills, and abilities in a specific area.

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Source: <https://tenor.com>

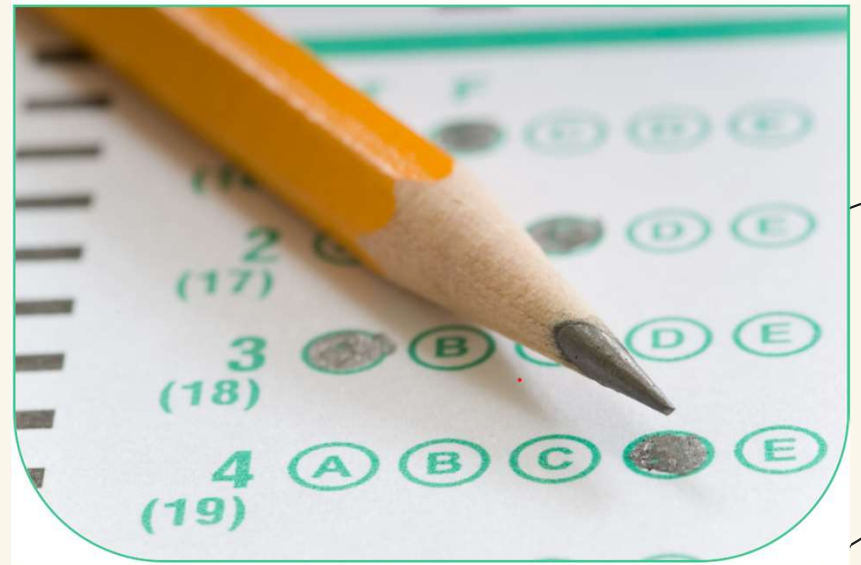
# Key Assessment Terms in Education/IE&T (cont.)

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## Definition #9

A test administered and scored in a consistent manner across different test-takers.

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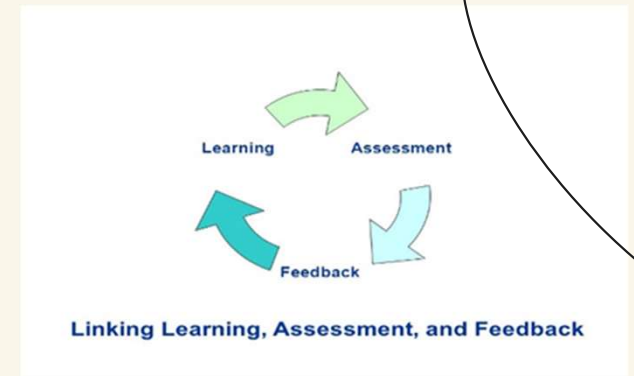
Source: <https://www.istockphoto.com>

# Impact of Assessment on Learning

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“Assessment drives learning in at least four ways: its content, its format, its timing, and any subsequent feedback given to the examinee.”

— Van Der Vleuten, C. (1996)



Source: <https://slideplayer.com>

# Impact of Assessments on Student Success

- Assessments drive student achievement.
- Effective assessments enhance learning processes.
- Assessments provide valuable feedback to both students and educators, guiding instructional improvements.



Source: <https://www.cem.org>

# Key Assessment Types for Data-Informed Instruction

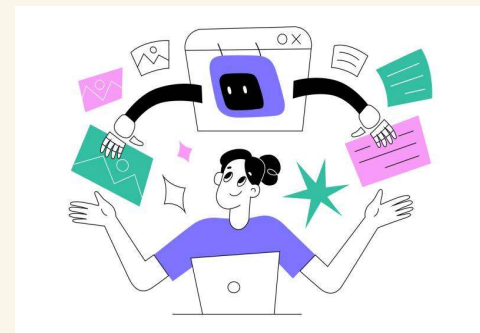
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- **Formative Assessments:** Ongoing assessments used to monitor student learning and provide ongoing feedback. Example: Exit tickets or quizzes.
- **Summative Assessments:** Evaluations at the end of an instructional unit by comparing it against some standard or benchmark. Example: Final exams or projects.
- **Diagnostic Assessments:** Pre-assessments that provide instructors with information about students' prior knowledge and skill levels. Example: Pre-tests at the beginning of a unit.
- **Benchmark Assessments:** Standardized tests that measure students' progress at specific points throughout the school year. Example: State assessments or district-wide tests.

# Tech Tools for Data-Informed Assessments

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- **Google Forms:** For creating surveys and quizzes to gather data quickly.
- **Kahoot!:** Engaging platform for formative assessments through quizzes.
- **Edmodo:** Facilitates communication and assignment tracking in educational settings.
- **Moodle:** A learning platform that supports various assessment methods and data analysis.
- **Flipgrid:** Allows students to record video responses, providing qualitative data about understanding.
- **Seesaw:** A digital portfolio tool that allows students to document their learning through various formats, such as photos, videos, and drawings.



Source: <https://www.kqed.org>

# Tech Tools for Data-Informed Assessments (cont.)

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- **Quizizz:** An interactive quiz platform that allows teachers to create fun and engaging quizzes for students.
- **Nearpod:** An interactive classroom tool that combines presentations, assessments, and real-time feedback: quizzes, polls, and open-ended questions, allowing them to gauge student understanding on the spot.
- **Socrative:** a student response system that allows teachers to create quizzes, polls, and exit tickets. It provides immediate feedback and real-time reporting, enabling educators to assess understanding and adjust instruction accordingly.
- **Plickers:** A free tool that allows teachers to collect real-time formative assessment data without the need for student devices. Teachers provide students with unique QR codes, and by scanning them with a mobile device, they can gather responses instantly.
- **Google Classroom:** A platform that streamlines assignment distribution, grading, and communication between teachers and students. It allows for the integration of various assessment tools and offers a centralized hub for managing student work and feedback.

# Tech Tools for Data-Informed Assessments (cont.)

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- **Formative:** Formative is a platform designed for real-time assessment and feedback. Teachers can create interactive assignments that allow students to demonstrate their understanding while receiving immediate feedback.
- **Padlet:** A collaborative platform that allows students and teachers to create and share content in a visually engaging format. It can be used for brainstorming, organizing ideas, and collecting student reflections, providing qualitative data on student perspectives.
- **Duolingo:** Duolingo is a language-learning platform that offers interactive lessons through gamified exercises. It helps adult learners build vocabulary and grammar skills at their own pace, making language acquisition engaging and accessible.
- **Edpuzzle:** An interactive video platform that allows teachers to create engaging lessons by adding questions, notes, and audio to existing videos or their own content. For ELL adult learners, Edpuzzle provides an effective way to enhance comprehension and retention of language concepts, as it allows learners to pause and reflect on the material, reinforcing understanding through active participation.

# Activity 2: Designing Data-Informed Assessments

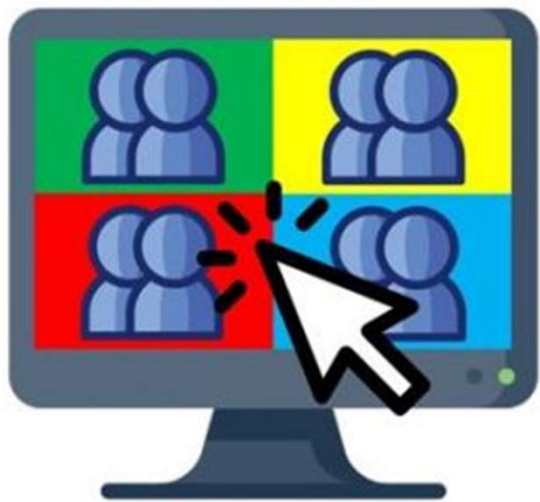
## Instructions

- **Breakout Room Assignment:** You will be placed in breakout rooms with your group, and each will be assigned a distinct case study to explore.
- **Designate Roles:** Quickly select a note taker to document your discussion on a shared document.
- **Review the Case Study:** Quickly appoint a spokesperson to present later your group's insights, then discuss the provided scenario, focusing on its objectives and target audience.
- **Engaging Task Design:** In the 10 minutes allocated for this activity, brainstorm and outline engaging tasks for both synchronous (in-person and online) and asynchronous (online) activities.
- **Group Reporting:** Your spokesperson should summarize and share the key highlights from your group's discussion.
- **Time Allocation:** You have 10 minutes for this activity. Please use your time effectively to ensure that everyone can contribute to, and prepare for, the report.

# Collaborative Activity: Case Study in Innovative Assessment Design

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## Breakout Room



Source: <https://eltlearningjourneys.com>

Case Study - Digital Literacy Skills

Scenario: Virtual Community Engagement Event Planning

Detailed Scenario:

Students in a digital communication course are tasked with planning a virtual community engagement event aimed at fostering connections among local residents. The event will be hosted online and is expected to attract participants from various demographics, including seniors and tech-savvy youth.

# Case Study - Digital Literacy Skills

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## Engaging Tasks:

**Synchronous (in-person and online)** students will research and present different digital platforms for hosting events, such as Zoom, Microsoft Teams, or social media live streams. Each group analyzes the features, accessibility, and user-friendliness of these tools.

**Asynchronous (online)** students will create video presentations to share their findings and engage in discussion forums, providing feedback to peers on their analyses.

# Case Study – Security

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## Breakout Room #1

**Scenario:** Game Night Event Security Plan Development

**Detailed Scenario:**

Students in a security management course are tasked with organizing a security plan for a large game night event at a local community center. The event is expected to attract over 300 attendees, including families and children.

# Case Study – Hospitality

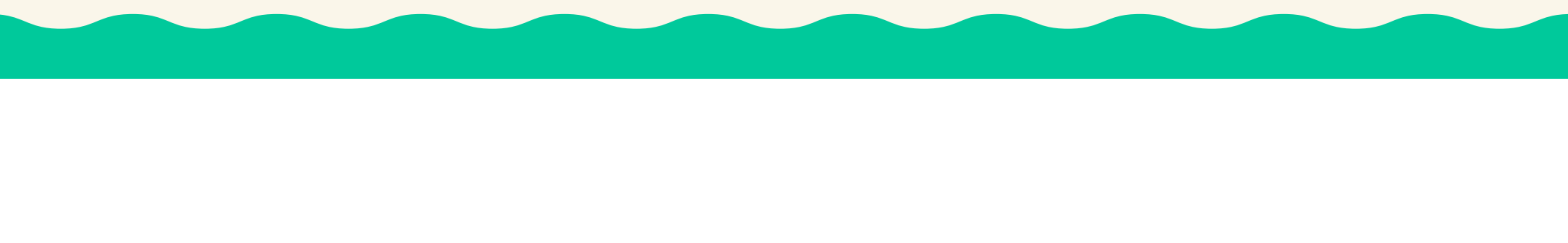
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## **Breakout Room #2**

**Scenario:** Hotel Customer Service Role-Playing Scenarios

**Detailed Scenario:**

In a hospitality management class, students are divided into groups to role-play various customer service scenarios at a fictional hotel, "The Grand Oasis." The hotel has a diverse clientele, including business travelers, families, and international tourists.



# Case Study – Healthcare

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## Breakout Room #3

**Scenario:** Terminology Quiz for Nursing Students

**Detailed Scenario:**

In a nursing program, students face a terminology quiz designed to assess their understanding of essential medical vocabulary crucial for patient care. The quiz includes terms related to anatomy, pharmacology, and patient assessments.

# Case Study – ELL Adult Learners

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## **Breakout Room #4**

**Scenario:** Language Skills for Daily Life Role-Playing Scenarios

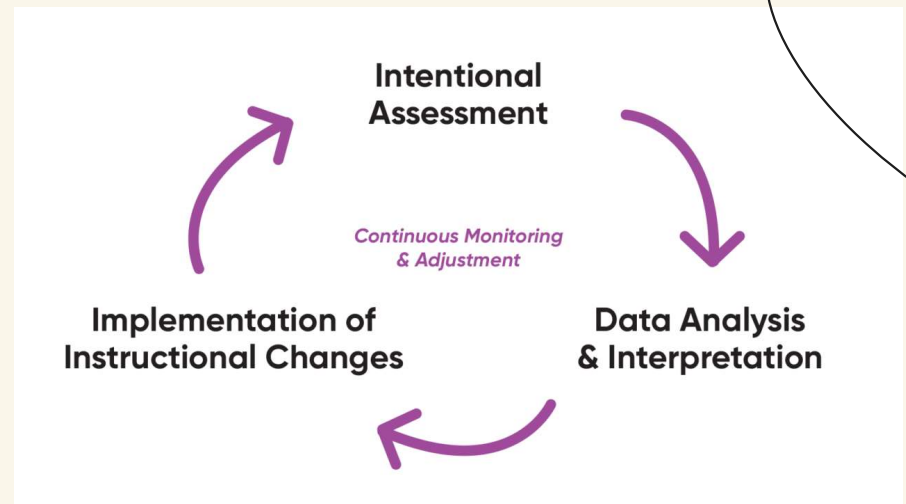
### **Detailed Scenario:**

English Language Learners (ELL) in an adult education program participate in role-playing exercises that simulate real-life situations they might encounter in their daily lives, such as grocery shopping, visiting a doctor, or navigating public transportation.

# Implementing Data-Informed Practices

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- Collecting and analyzing data
- Aligning assessments with learning goals
- Examples of data-informed decision-making



Source: <https://www.hmhco.com/>

# Discussion: Utilizing Data


- How do you currently use data in assessments?
- What challenges do you face in data utilization?

# Key Takeaways

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- Assessments are crucial for student success.
- Understanding and utilizing different types of assessments.
- Implementing data-informed strategies can enhance learning.

Conclusion and Key Takeaways



- 01 Effective accounting uses are the most common, providing an overview of a company's financial performance.
- 02 The use of data-informed strategies can help companies improve their performance and make better decisions.
- 03 Companies can use data-informed strategies to get a better understanding of their customers and their needs.
- 04 Business owners can use digital accounting tools to track their expenses, manage their cash flow, and improve their financial health.
- 05 The use of data-informed strategies can help companies make better decisions and improve their performance.

Source: <https://fastercapital.com>

# With appreciation!

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Assessment is today's  
means of modifying  
tomorrow's instruction.

*Carol Ann Tomlinson*