SUMMER
ASSESSMENT SYMPOSIUM

Assessment 101

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SUMMER ASSESSMENT SYMPOSIUM

Overview

- Why Assessment
- Key Terms & Types of Assessment
- Tools of Assessment
- Hints and Take-Aways

- Others?

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accountability
assessment
mission
outcomes
evaluation
learning
operational
goals
formative
program
indirect
direct
summative
performance
research

Assessment Cycle

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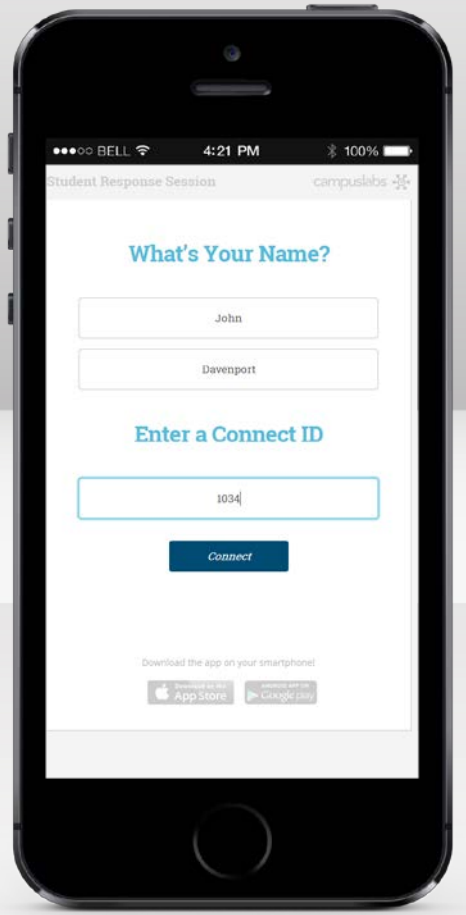
ANDROID APP ON Google play



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Research

Systematic investigation into and study of materials and sources in order to establish facts and reach new conclusions

Evaluation

Making of a judgment about the amount, number, value, or quality of something

Assessment

Gathering, analyzing, reflecting, and using data about something towards improvement

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Indirect

Any process employed to gather data which asks subjects to reflect upon their knowledge, behaviors, or thought process

Direct

Any process employed to gather data which requires subjects to display their knowledge, behavior, or thought processes

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Formative

This form of assessment monitors student learning through ongoing feedback to improve instructor's teaching and student's learning

Summative

The goal of this form of assessment is to evaluate student learning at the end of an instructional unit

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Outcomes Assessment

Learning

Addresses significant and essential learning that is achieved, and can be reliably demonstrated at the end of a course or program

Program

Addresses the what and how a program contributes and includes the level of performance of the program

Operational

Addresses regular operational or procedural tasks that can be related to a service or product

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Table of Types of Assessment

- Indirect or Direct
- Formative or Summative
- Outcome type: learning, program, or operational

Type of Assessment Tool	Indirect or Direct	Formative or Summative	Learning, Program, or Operational
Test/Quiz	D or I	S or F	L
Pre/post Test	D or I	S	L
Rubric	D	S or F	L, P, or O
Survey	I	S	L, P, or O
Narratives/Journals/Reflections	D or I	S or F	L
Interviews	D	S	L or P
Observation	D	S	L, P, or O
Portfolio	D	S	L or P
Photography	D or I	S	L or P
One-minute papers	I	S or F	L
Focus Groups	D or I	S or F	L, P, or O
Raw Counts/Data	D	S	P or O

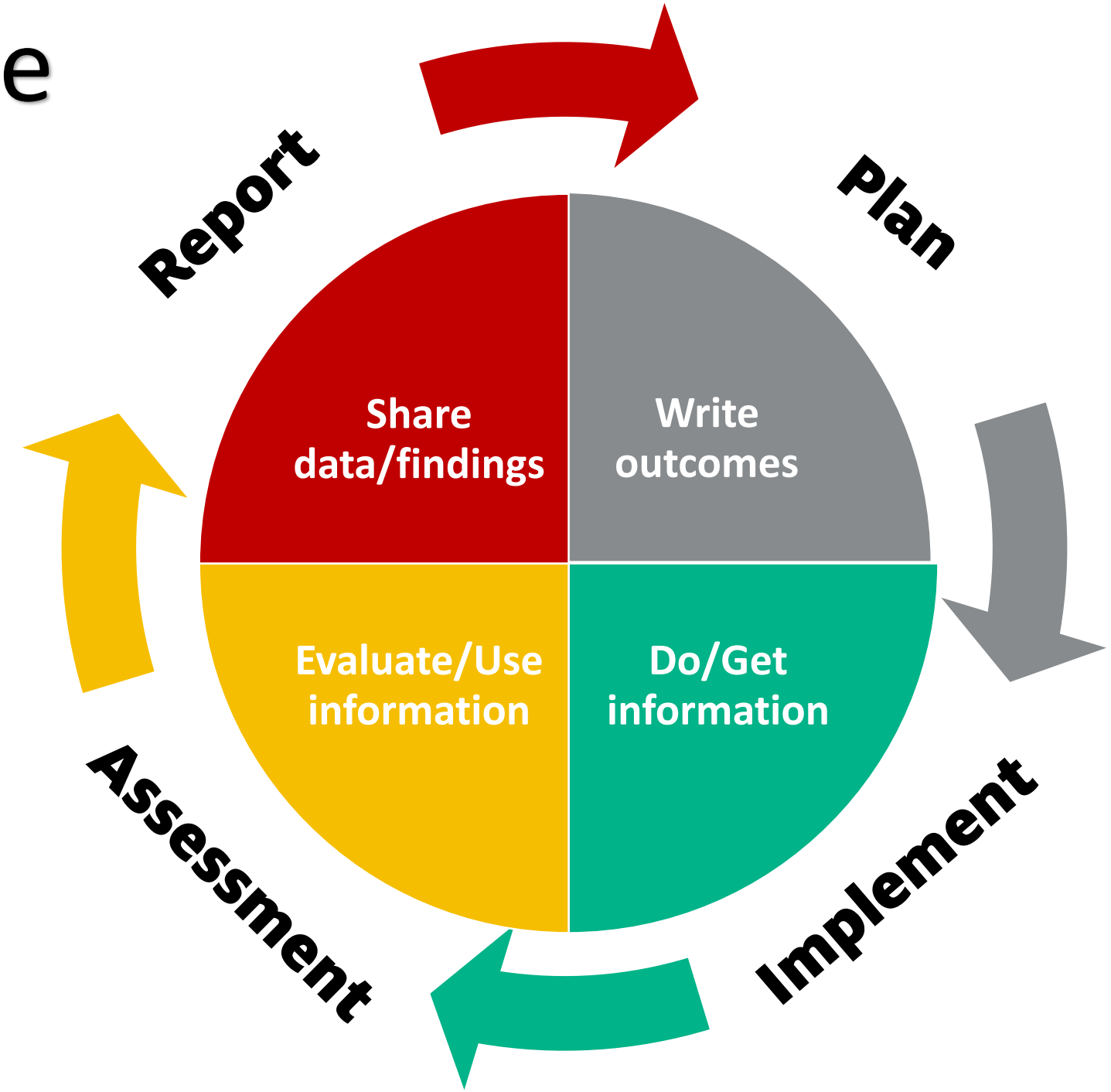
Random Research/Statistics Terms

- Data
- Population & Sample
  - Random & Convenience
- Significance
- Validity
- Reliability
- Correlation & Causation

Tools of Assessment

- Assessment Planning
- Writing Outcome Statements
  - Meaningful, manageable, and measureable
  - SWiBAT (students will be able to)
  - Bloom's taxonomy
- Data Collection Tools

Assessment Cycle



- Assessment is a TOOL not a TASK!
- Assess what matters.
  Just because you can assess it doesn't mean you should!
- Assessment is not extra.
  Assessment should be integrated in practice.
- Assessment is not a one size fits all!
  There are multiple ways to get what you need to know.
- Sharing the story is important in assessment.

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Bloom's Taxonomy

- **KNOWLEDGE**: arrange, define, describe, duplicate, identify, label, list, match, memorize, name, order, outline, recognize, relate, recall, repeat, reproduce, select, state.
- **UNDERSTANDING:**: explain, summarize, paraphrase, describe, illustrate, classify, convert, defend, describe, discuss, distinguish, estimate, explain, express, extend, generalize, give example(s), identify, indicate, infer, locate, paraphrase, predict, recognize, rewrite, review, select, translate.
- **APPLICATION**: use, compute, solve, demonstrate, apply, construct, apply, change, choose, compute, demonstrate, discover, dramatize, employ, illustrate, interpret, manipulate, modify, operate, practice, predict, prepare, produce, relate, schedule, show, sketch, solve, use, write.
- **ANALYSIS**: analyze, categorize, compare, contrast, separate, apply, change, discover, choose, compute, demonstrate, dramatize, employ, illustrate, interpret, manipulate, modify, operate, practice, predict, prepare, produce, relate, schedule, show, sketch, solve, use, write.
- **SYNTHESIS**: create, design, hypothesize, invent, develop, arrange, assemble, categorize, collect, combine, comply, compose, construct, create, design, develop, devise, explain, formulate, generate, plan, prepare, rearrange, reconstruct, relate, reorganize, revise, rewrite, set up, summarize, synthesize, tell, write.
- **EVALUATION**: judge, recommend, critique, justify, appraise, argue, assess, attach, choose, compare, conclude, contrast, defend, describe, discriminate, estimate, evaluate, explain, judge, justify, interpret, relate, predict, rate, select, summarize, support, value.

Bonus Time:
Writing Learning Outcomes

The ABCD's of writing outcome statements. Determine your:

- A – Audience – Who is doing it?
- B – Behavior – What are they doing?
- C – Condition – When will they do it?
- D – Degree of Achievement – (may be omitted) – How will you know they did it?

Bonus Time: Writing Learning Outcomes

Learning outcome format:

By _____(doing what?), _____(audience) will be able to _____(Action verb from bloom's taxonomy) _____(complete the sentence).

Example:

By *attending an Inclusive Language workshop* by the Center for Diversity and Inclusion, *attendees* will be able to *identify one language change* that that they will change to be more inclusive.