Standard Three Deep Dive:
Alternative and Authentic Assessments

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What are you walking away with?

1. Strategies to build up and align assessments with course objectives and other course components (Alignment)
2. Ideas to integrate assessments at appropriate points within the overall course structure (Timing)
3. Propose or recommend assessment appropriate for different types of learning objectives (Fit)

The Foundation: Alignment

- Assessments measure objectives
- Materials and activities prepare students for assessments

| Objectives | ➡ | Materials | ➡ | Assessments |

Alignment and Authentic Assessment

"What can students do, after taking your course, that they couldn't do before?"

"What must students be able to do before accomplishing the course objectives?"

"Your student is going to work at an entry-level job in the area of this course. What is he/she going to do at work? What earns him/her a paycheck?"
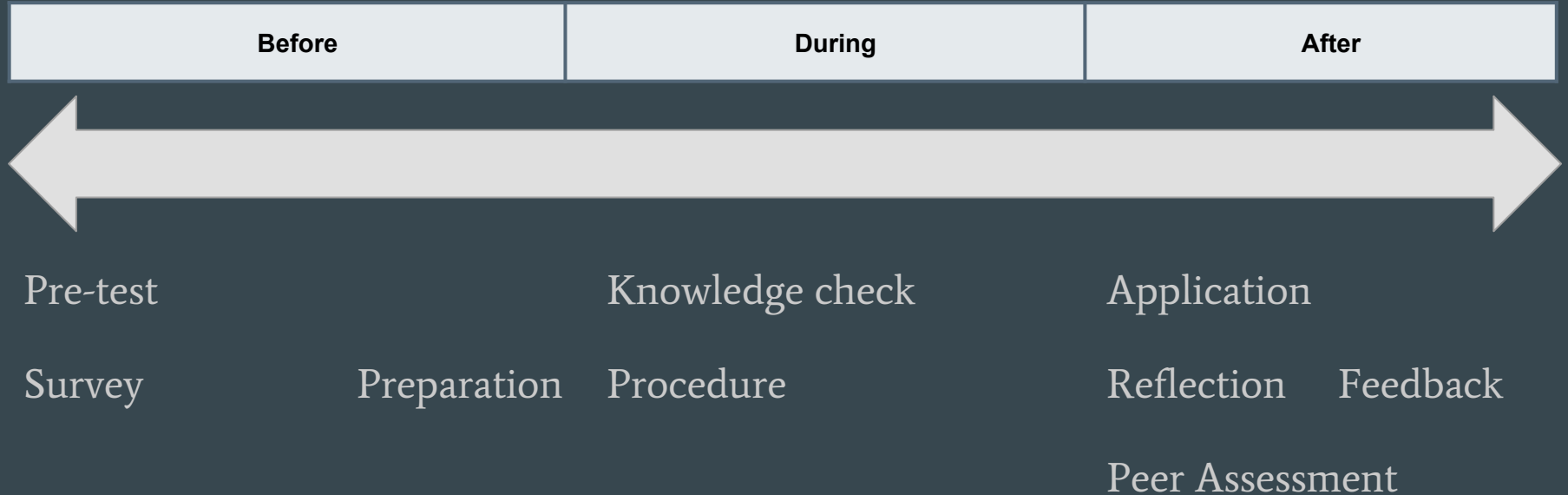
(Acevedo, 2014)

Timing of Assessment

Before	During	After
Diagnosis / Guidance (Formative)		Appraisal (Summative)

Metacognition (Self)

(Earl & Katz, 2006)

Timing of Assessment

Before	During	After

Pre-test

Survey   Preparation   Knowledge check   Application

                                Procedure   Reflection   Feedback
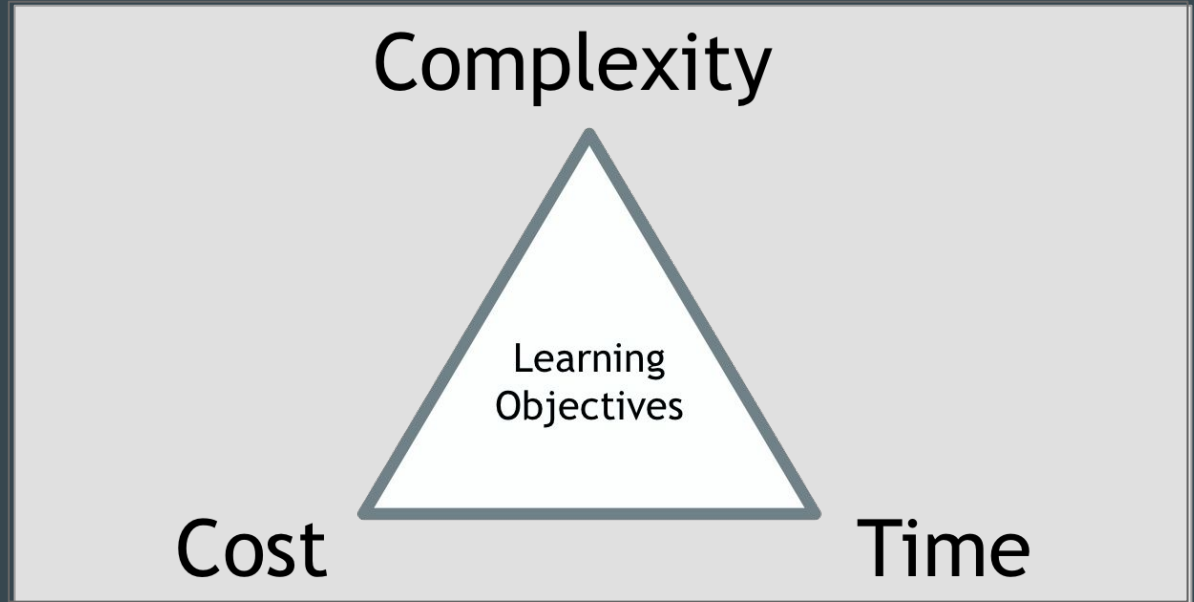
                                                    Peer Assessment

Fit: Why this Assessment?

- Objectives (Alignment)
- Key competencies
- Constraints
    - Time
    - Budget
    - Resources
- Workload / facilitation
- Maximize impact and measurement within constraints

Complexity

Learning Objectives

Cost   Time

Mapping an Assessment Plan

	TRADITIONAL	ALTERNATIVE / AUTHENTIC
LOW STAKES	Weekly quiz Paper flashcards	Ungraded self check (digital flashcards, games) Journal / reflection exercise
HIGH STAKES	Exams Papers	Role play / simulation Debate / negotiation Service learning Client project

Mastery

Students may practice to mastery and build confidence through informal ungraded assessments. Examples include:

- Low stakes quizzes make connections between readings and content
- Quizzes assess general comprehension of key concepts
- Random pools allow meaningful practice
- Flashcards allow repeatable, random practice
- Games add elements of time and challenge, with motivation to "level up"

Italian Language

Practice using the forms of the verb *avere* correctly.

Drag each verb form to the proper sentence.

avete | ho | hanno | hai | abbiamo | ha

Adesso gli americani _____ due amici romani.

_____ un biglietto per il treno a Firenze.

Voi _____ molti amici qua?

Kathleen _____ un lavoro molto impegnativo

_____ una guida turistica di Roma?

Noi _____ una camera doppia in albergo.

Reset

There are lots of new words on signs and in fleeting conversations from people on the train. Try matching these cognates with their English definitions. This will help you refine your translation skills and build your vocabulary.

Match each Italian word with its English translation. Click and drag the middle word to the correct English translation.

tourism
university
doctor
dome
zucchini

turismo

theater
graffiti
trombone
broccoli
color
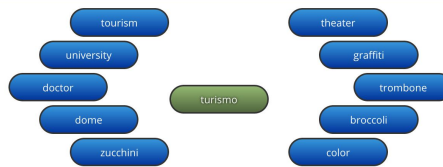
Practice using the formal and informal forms of 'you'.

Fill in the blank with the correct Italian form of 'you'.
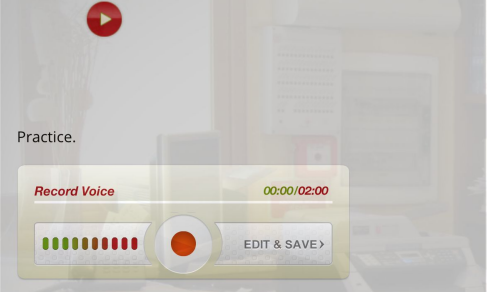
Help

1/8

Come on children, **you** must go to bed.

Check | Next

As you play each segment of the conversation, attempt to mimic the sounds and words by recording your voice below.

Personale dell'hotel: Buon giorno, signora. Lei ha una prenotazione?

Practice.

Record Voice   00:00/02:00

EDIT & SAVE

Continue Conversation

Did you know more Italian than you expected? Let's try a few more. During your time in Rome you will be staying at the Hotel Montecarlo, a very comfortable 3-star hotel near the central station, Termini. Here are the detailed directions on how to get from the station to the hotel.

Read these directions carefully and then identify all the cognates whose meaning you can guess. Note each word and what you think it means as you read. Click on the cognates to highlight them.

L'hotel è nel cuore di Roma, a 800 metri dalla stazione centrale Termini. Per arrivare in hotel potete camminare un quarto d'ora oppure prendere l'autobus. Se decidete di andare a piedi, dovete uscire dalla galleria della stazione Termini dalla parte di via Marsala, attraversare piazza dei Cinquecento, prendere via Solferino e attraversare piazza Indipendenza. Dovete poi proseguire per un tratto di via San Martino della Battaglia e girare a sinistra in via Palestro. Al civico 17/a trovate l'Hotel Montecarlo. Se decidete di andare in autobus, dovete prendere il numero 36 in piazza dei Cinquecento davanti alla Stazione Termini e scendere in via Palestro. La fermata è a 50 metri dall'albergo.

You have found 5 out of 24 | Show Answers | Reset

Add fun to boring, mundane, undesirable tasks
Time element; levels up; intrinsic motivation

An easy German sentence.

Click a colored tag below. Then select the corresponding answer in the text.

Ich **habe** drei Katzen.

The basic question you should always ask yourself about every statement is: Is this in S-V-O order or O-V-S order?

Remember the German "verb in second position" rule from section 9 of our textbook. That law always makes the job of figuring out the basic sentence structure much easier, because you know that all the words to the left of the verb are **one unit of meaning** (not more than one).

Tip: nominative = subject | accusative = object

You got part of the answer, keep going!

V✓ S O

Assignment Statement

First click one of the highlighted words or phrases. Then, select exactly the portion of the code that corresponds to that word or phrase.

daysInWeek = 7

Click one of the highlighted phrases. Then, click and drag to select the portion of the code line that exactly corresponds to that phrase. If you make a mistake, try a different selection and make a note for yourself of the correct code part for that word or phrase. If you are sure that your selection is correct and the quiz just does not recognize it, try selecting the code for a different phrase and come back to the missed phrase later. Assigning values to variables is necessary before those variable names can be used in computations. An assignment statement is used to place a value into a named variable. Once the variable has been assigned a value, that variable name can be used in future computations in MATLAB.

Great. Choose a different tag and continue.

Value being assigned to a new variable

Assignment Operator✓   New variable being created✓

Syntax Untangler

"Teach your students how to figure out tricky texts in any language."

Practice:
- Sentence construction
- Identify sentence parts
- Identify specific items within larger text
- Code syntax
- Math formulas

What are you doing?
(Mastery)

Authentic Simulations

- Authentic simulations measure skills, knowledge, situational performance and decision-making ability (sometimes under stress).
- They sometimes allow role play to experience different points of view.
- Follow up with reflection and debrief to assess the experience.
- Simulation doesn't need to be expensive!

Collective Bargaining 7-Week Group Simulation

Traditional Collaborative Paper →

- Aspects of negotiating labor agreement
- Given a scenario, what would you ask for and why?
- External looking in

Authentic Group Role Play

- You work at a large company in Indianapolis
- You represent the company or labor
- Present offers, make replies to reach a new contract
- Emotional investment
- Low budget, high impact

A cocoa broker has just called. He has a load of Haitian cocoa beans that he can sell you for a really good price. Haiti has a struggling cocoa industry and traditionally has trouble meeting the highest quality standards. This load is a bit substandard, but is so cheap that if you mixed the beans with higher quality beans

Cocoa is cocoa. Let's buy it! →

Ask Mr. Fenn what he thinks. →

Talk to Jane in research and quality cor →

Wait and talk to the committee at the ne →

Mary Oliver 1650
by Penn State

Your name is Mary Oliver. You were born in 1630 and left the baron's keep (your family's master) twelve years later. Thus, in 1642, your family departs and walks about 60 miles with your possessions from the farming region surrounding Dorchester to Bristol, a bustling seaport city. In Bristol, men and boys take part in day labor and women in sewing and laundry for whatever they can earn (boys even scavenge the streets); but the city is a place of disease, hardship, and danger. By 1650 you are 20 years old and your mother, brother, and two sisters have died of smallpox. Eventually your father remarries, but you do not get along with your stepmother. After an altercation with your father, you leave home to contemplate your options for the future. What are you going to do?

Return home and apologize

Marry your lover, James

Live alone in Bristol

Go to the New World

Case Scenario/Critical Reader Builder

The Case Scenario/Critical Reader Builder is an authoring tool created through the Engage program in conjunction with the UW Madison Writing Center, College of Letters and Science and the School of Pharmacy.

The CSCR Builder is a desktop tool for creating a variety of web–based learning materials. You can combine text, images, video and audio along with embedded quiz questions and scoring to create compelling interactive critical readings, scenarios with decision branching, simulated dialogues, story–like narratives, media rich case studies and much more.

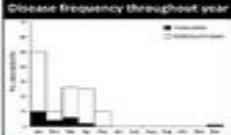Ill-structured problems; decision-making; role play; see issue from different points of view

- View a Demo of Case–Scenario/Critical Reader Builder
- Storifying Case Scenarios Handout
- CSCR Handout *(1 page)*

Authentic Simulations Examples

- Examples include:
  - Italian Language:

    Paired role-play to measure spontaneous speaking and listening skills
  - Conflict Resolution:

    Simulated mediation to measure communication and persuasion skills
  - Teacher Leadership Inquiry:

    Research and presentation to measure communication with stakeholders and ability to connect data to an action plan
  - Organization Change and Development:

    Analyze cases or conduct interviews with professionals to measure ability to make data-driven recommendations and see potential pitfalls

What are you doing?
(Simulations)

Interaction with Peers

- Constructive peer critiques to improve the quality of group or individual work
- Rubrics provide a framework for feedback.

Interaction with Peers Examples

- Examples include:
    - Labor and Employment Relations:
      Constructive feedback along the way during a 5 week simulation
    - Teacher Leadership Inquiry:
      Review of Inquiry projects following a grading rubric
    - Organization Change and Development:
      Develop a Marketing Plan for OD Consulting with peer review, critique, and feedback on each step of the Marketing Plan throughout the semester.

LER Peer Review

Peer Evaluation - Instructor Portal

If new team assignments have been made, the peer evaluation rost
Evaluation Roster button below.

Update Peer Evaluation Roster

Order ▲	Available F
01	Lesson 6 - Peer Evaluations
02	Lesson 8 - Peer Evaluations
03	Lesson 7 - Peer Evaluations
04	Lesson 9 - Peer Evaluations
05	Lesson 10 - Peer Evaluations
06	Lesson 11 - Peer Evaluations
07	Lesson 13/14 - Peer Evaluations

Results for H___ D___	Team	Rate the student's work in the areas of quantity and timeliness:	Rate the student's work in the areas of knowledge and understanding of content and applicability to workplace:	Rate the student's work in the area of generating learning within the group:	Add any comments you feel are relevant to this student's evaluation:
B Eval___		Team-04 5	5	5	D___ real word experience was a fantastic contribution to the Team Chat and counter offer.
S___	Team-04	4	5	5	Showing a lot more interest.
D___ H___	Team-04	4	5	5	I try to bring to my conversations past experience in all aspects of our negotiations.
Questions Total		13	15	15	
Questions Average		4.3333333333333	5	5	

Interaction with Peers Examples

- Examples include:
  - Labor and Employment Relations:
    Constructive feedback along the way during a 7 week simulation
  - Teacher Leadership Inquiry:
    Review of Inquiry projects following a grading rubric
  - Organization Change and Development:
    Develop a Marketing Plan for OD Consulting with peer review, critique, and feedback on each step of the Marketing Plan throughout the semester.

OD Consulting

Category	Excellent	Acceptable	Needs Work
Marketing Objectives	Clear, concise statement of the marketing objectives for the business, includes all elements	General statement formation, includes all elements	Vague expression of statement, some elements missing
Content	Logical, focused, thorough content demostrating understanding of issue, use of evidence, and creative applicability to practice	Logical, focused, applicable content, could be more thorough in understanding of issue, use of evidence and applicabilty to practice	Lacks clarity and focus on issue, weak in content, understanding, evidence, and applicablity to practice
Organization	Content well ordered, following six steps with precision, clear transitions and strong summary connecting ideas with action plan	Content well ordered, following six steps with clarity, including mostly adequate transitions and summary connecting ideas to action plan	Lacks clarity in organizing, missing some steps, having weak transitions and summary
Written Expression	All written materials are free of errors in spelling and grammar	Written materials have very minimal errors in spelling and grammar	Written materials contain an unacceptable level of errors in spelling and grammar

What are you doing?
(Peer Interaction)

What are you doing? Other assessments?

	TRADITIONAL	ALTERNATIVE / AUTHENTIC
LOW STAKES	Weekly quiz Paper flashcards	Ungraded self check (digital flashcards, games) Journal / reflection exercise
HIGH STAKES	Exams Papers	Role play / simulation Debate / negotiation Service learning Client project

Questions?

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Resources

- YouSeeU
  http://www.youseeu.com/

- Quizlet
  https://quizlet.com/

- Syntax Untangler
  https://courses.dcs.wisc.edu/untangler/

Resources

- UW-Madison Engage Tools
  http://engage.wisc.edu/software/

- Inklewriter
  http://www.inklestudios.com/inklewriter/

- Penny's Pinterest
  https://www.pinterest.com/pennymoved/games-sims-and-fit/