# Scenarios, Adaptive, Drag-and-Drop… It Doesn't Matter!

## The Effective Use of Feedback For Online Formative Activities

**To Interact with the Presentation**

Go to: https://kahoot.it/
Game Pin: #####

WGU | TEACHERS COLLEGE

Samantha Coen
Co-Author Travis Smith

# Getting to Know You

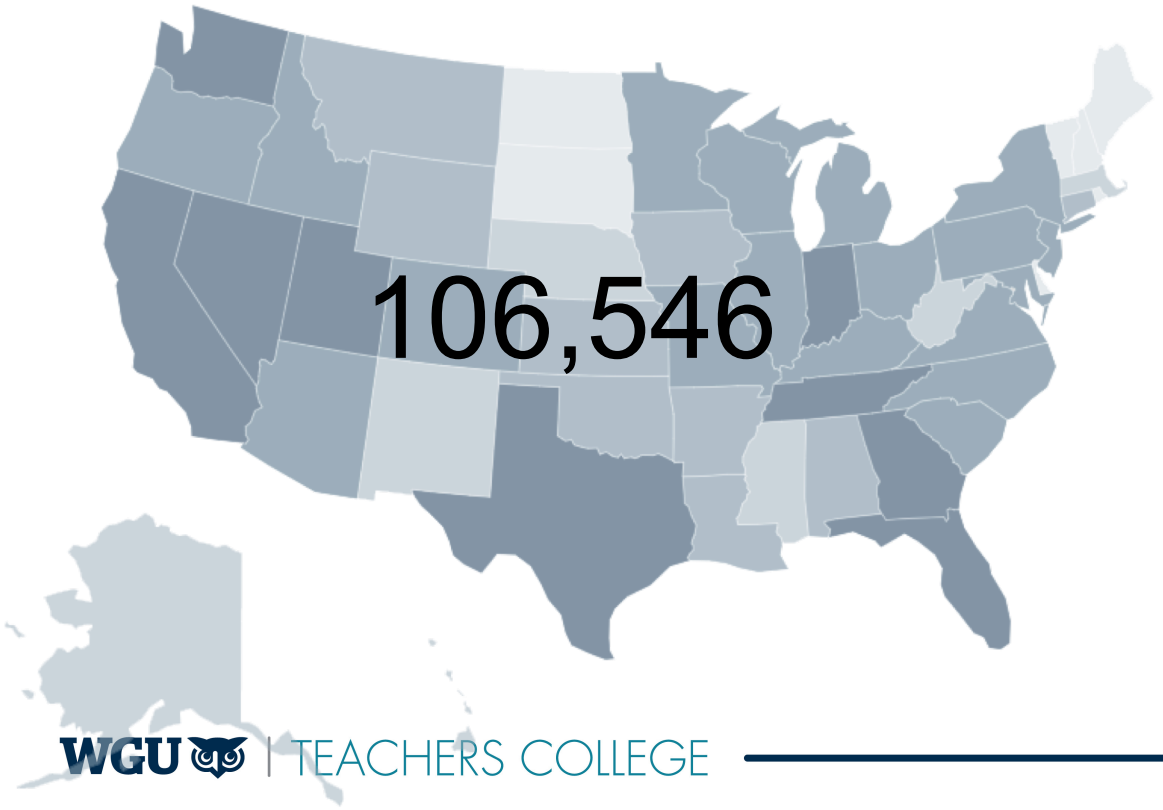
Go to: https://kahoot.it/

Game Pin: ######

# Session Goals

- Competency-Based Education
- Design Model
- Developing Formative Activities
- Impact & Effectiveness

# Western Governors University



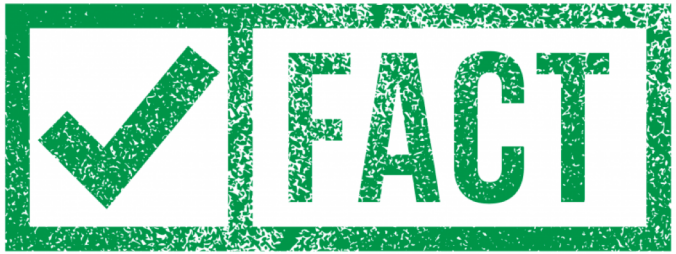

College of Business

Teachers College

College of Information Technology

College of Health Professions

# What is CBE?



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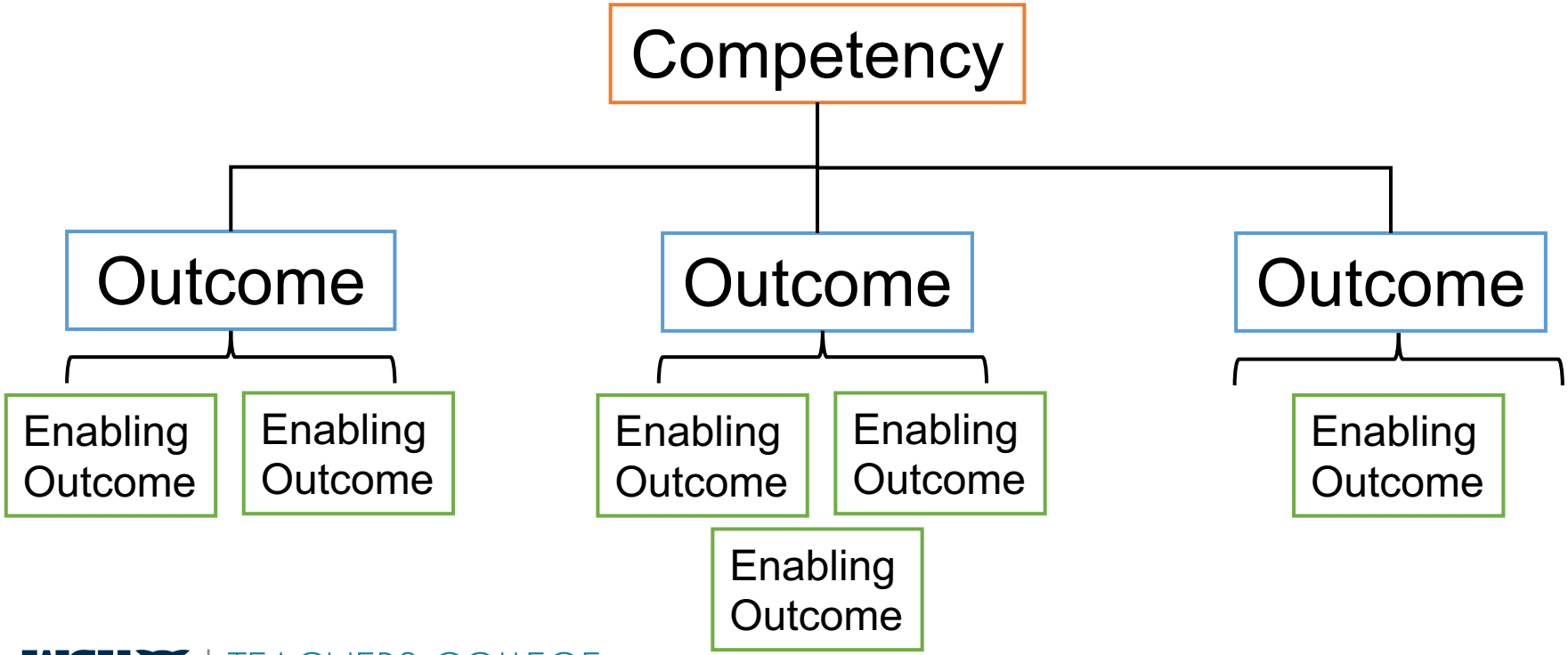
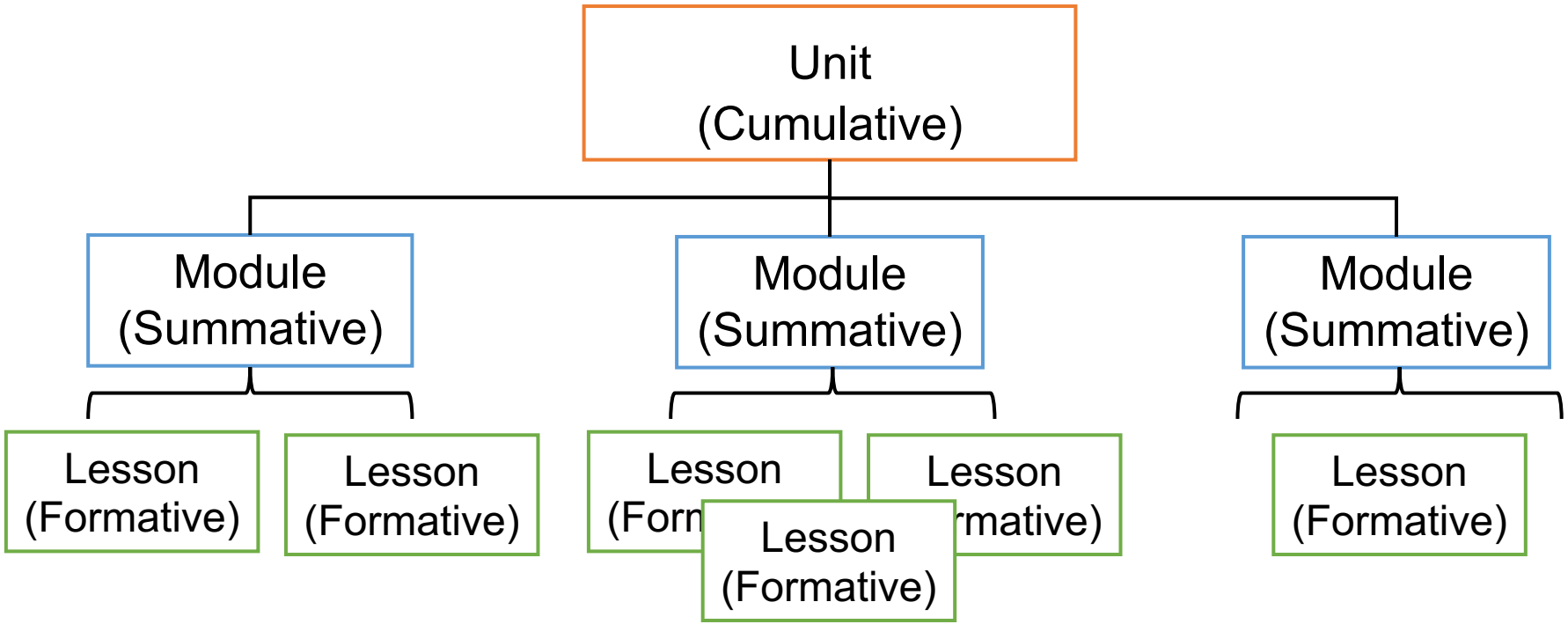
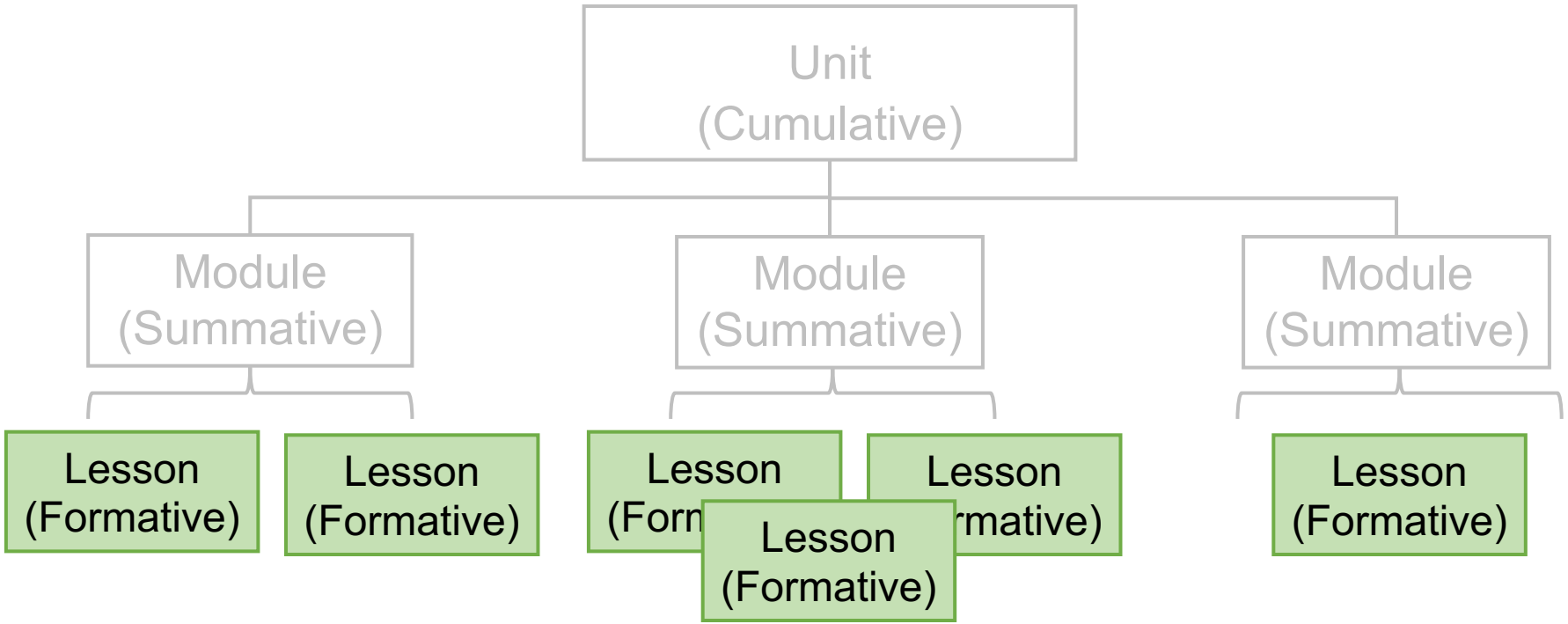
# Design Model - Outcomes



# Design Model - Course



# Design Model - Formative



# Online Formative Activity

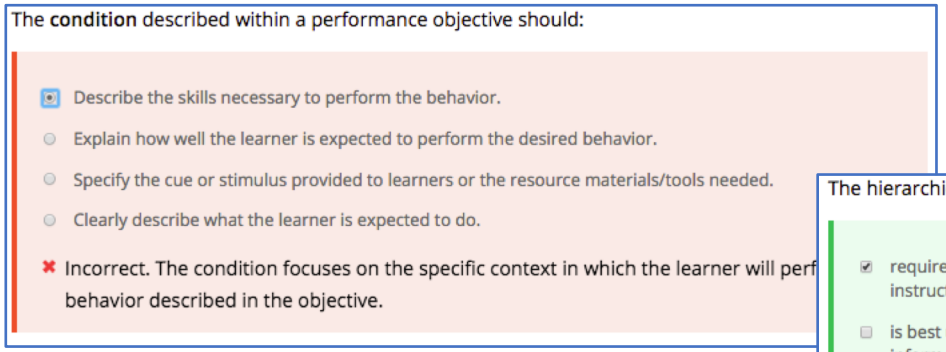
Instructional activity with a specified form of action, where a learner is prompted to ‘do’ something within the context of instructional content.

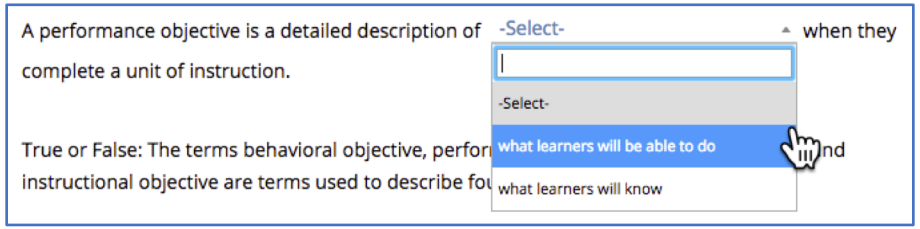
# How Do You Engage?

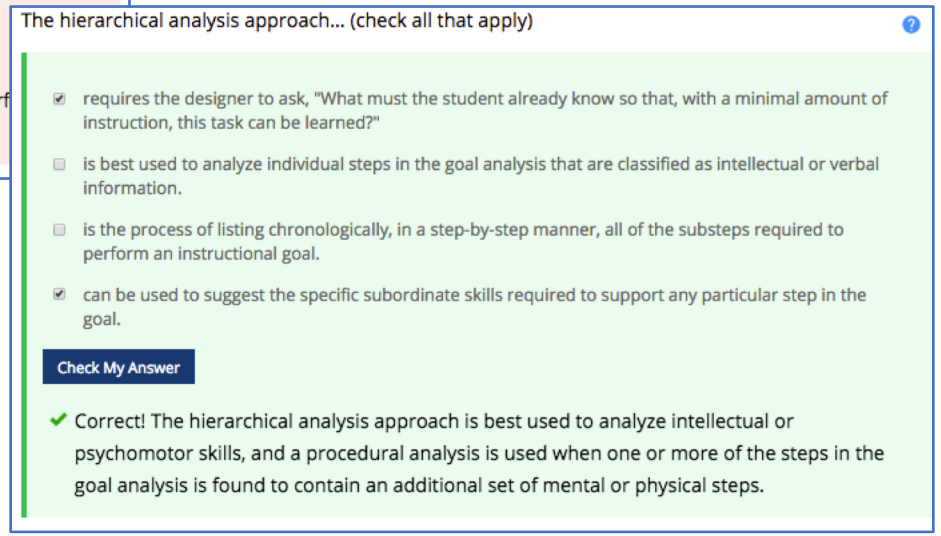
Kahoot!

Go to: https://kahoot.it/

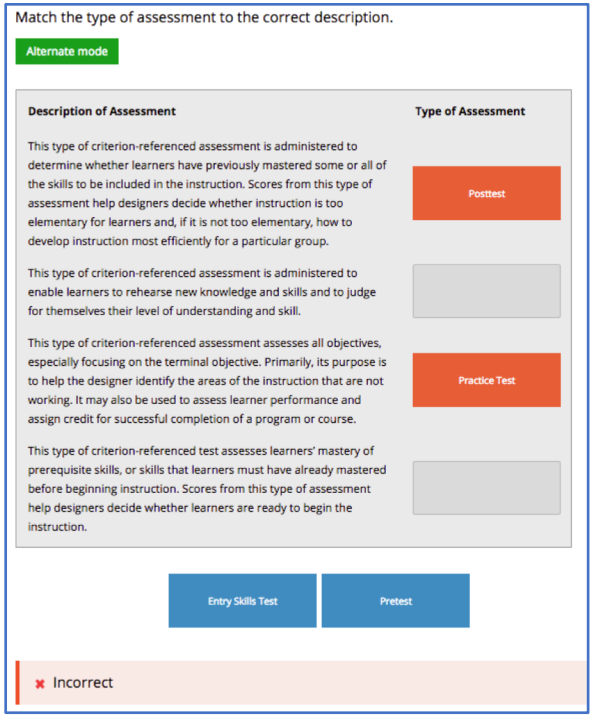
# EXAMPLES

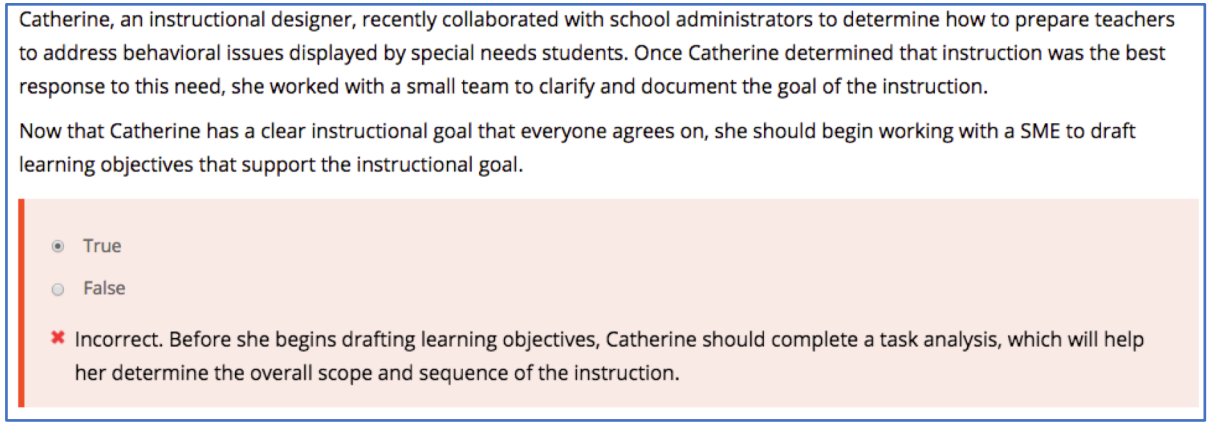

The **condition** described within a performance objective should:
Describe the skills necessary to perform the behavior.
Explain how well the learner is expected to perform the desired behavior.
Specify the cue or stimulus provided to learners or the resource materials/tools needed.
Clearly describe what the learner is expected to do.
Incorrect. The condition focuses on the specific context in which the learner will perf
behavior described in the objective.

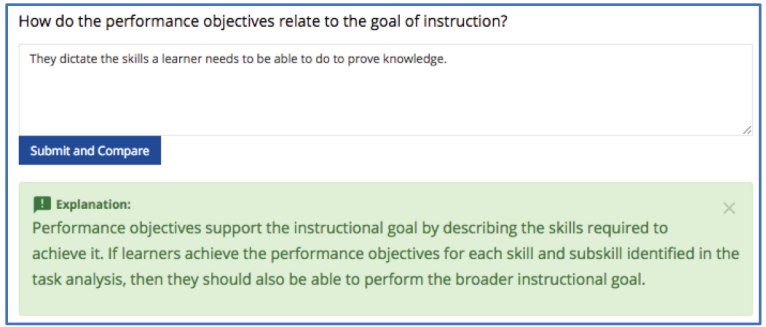

A performance objective is a detailed description of -Select- when they
complete a unit of instruction.
True or False: The terms behavioral objective, perfor nd
instructional objective are terms used to describe fo
-Select-
what learners will be able to do
what learners will know


The hierarchical analysis approach... (check all that apply)
requires the designer to ask, "What must the student already know so that, with a minimal amount of instruction, this task can be learned?"
is best used to analyze individual steps in the goal analysis that are classified as intellectual or verbal information.
is the process of listing chronologically, in a step-by-step manner, all of the substeps required to perform an instructional goal.
can be used to suggest the specific subordinate skills required to support any particular step in the goal.
Check My Answer
Correct! The hierarchical analysis approach is best used to analyze intellectual or psychomotor skills, and a procedural analysis is used when one or more of the steps in the goal analysis is found to contain an additional set of mental or physical steps.

# EXAMPLES


Match the type of assessment to the correct description.
Alternate mode
Description of Assessment
Type of Assessment
This type of criterion-referenced assessment is administered to determine whether learners have previously mastered some or all of the skills to be included in the instruction. Scores from this type of assessment help designers decide whether instruction is too elementary for learners and, if it is not too elementary, how to develop instruction most efficiently for a particular group.
Posttest
This type of criterion-referenced assessment is administered to enable learners to rehearse new knowledge and skills and to judge for themselves their level of understanding and skill.
This type of criterion-referenced assessment assesses all objectives, especially focusing on the terminal objective. Primarily, its purpose is to help the designer identify the areas of the instruction that are not working. It may also be used to assess learner performance and assign credit for successful completion of a program or course.
Practice Test
This type of criterion-referenced test assesses learners' mastery of prerequisite skills, or skills that learners must have already mastered before beginning instruction. Scores from this type of assessment help designers decide whether learners are ready to begin the instruction.
Entry Skills Test
Pretest
Incorrect


Catherine, an instructional designer, recently collaborated with school administrators to determine how to prepare teachers to address behavioral issues displayed by special needs students. Once Catherine determined that instruction was the best response to this need, she worked with a small team to clarify and document the goal of the instruction.
Now that Catherine has a clear instructional goal that everyone agrees on, she should begin working with a SME to draft learning objectives that support the instructional goal.
True
False
Incorrect. Before she begins drafting learning objectives, Catherine should complete a task analysis, which will help her determine the overall scope and sequence of the instruction.


How do the performance objectives relate to the goal of instruction?
They dictate the skills a learner needs to be able to do to prove knowledge.
Submit and Compare
Explanation:
Performance objectives support the instructional goal by describing the skills required to achieve it. If learners achieve the performance objectives for each skill and subskill identified in the task analysis, then they should also be able to perform the broader instructional goal.

# EXAMPLES

Read the instructional goals on the left, and select the correct learning domain for each.

| | Verbal Information | Intellectual Skills | Psychomotor Skills | Attitudes |
|---|---|---|---|---|
| Name the parts of the body using common terminology. | ◉ | ○ | ○ | ○ |
| Choose to behave safely while riding a motorcycle. | ○ | ◉ | ○ | ○ |
| Perform soccer moves. | ◉ | ○ | ○ | ○ |
| Determine the distance between two cities on a map. | ○ | ○ | ○ | ◉ |
| Hear the difference between two notes played on the piano. | ○ | ○ | ◉ | ○ |

✔ Correct! Naming parts of the body requires the learner is to store the information in memory during the instruction and remember it for the test or when needed for some related task.

✖ Incorrect. Choosing to behave safely is an attitude, which is described as the tendency to make particular choices or decisions.

Let's say that you have taken a group of students out into the field and one of them found a fascinating fossil of a shell. You take the teaching opportunity and talk about the fossil and one of your students asks, "How old is it?" Well, let's find out!

You and your class head over to a conversation area to get on with the analysis...

FEEDBACK
promote learning
manageable
elaborate
task focused
performance + goals
immediacy
effective
cognitive appropriateness

# The Art of Feedback - Question

What do Vermonty Python, Ethan Almond, and Cherry Garcia have in common?

a. Comedians
b. Valspar Paint Colors
c. Designers
d. Ice Cream Flavors

# The Art of Feedback - Methods

What do Vermonty Python, Ethan Almond, and Cherry Garcia have in common?

| | |
|---|---|
| Evaluation | Value judgement |
| Advice | Considerations<br>Probing questions |
| Instructive | Description of the correct answer, why, and additional information/context<br>Tangible feedback tied to the goal/objective<br>Achieve greater learning |

# The Art of Feedback - Examples

What do Vermonty Python, Ethan Almond, and Cherry Garcia have in common?

| | |
|---|---|
| Evaluation | Incorrect |
| Advice | You might consider if these items are a profession or a product. |
| Instructive | These are three of at least 40 current varieties of Ben and Jerry's ice cream flavors. Vermonty Python and Ethan Almonds have been banished to the Flavor Graveyard, but Cherry Garcia is still a very popular flavor. |

# How Do You Know?

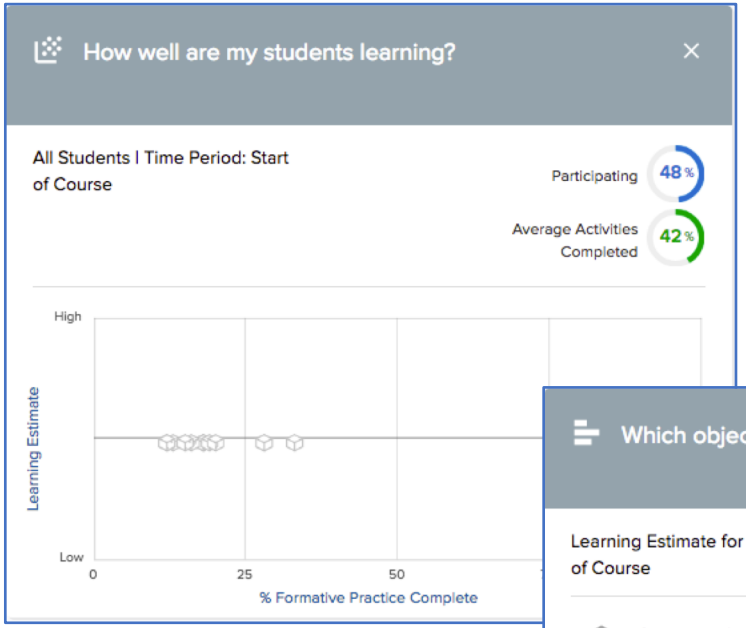
Go to: https://kahoot.it/

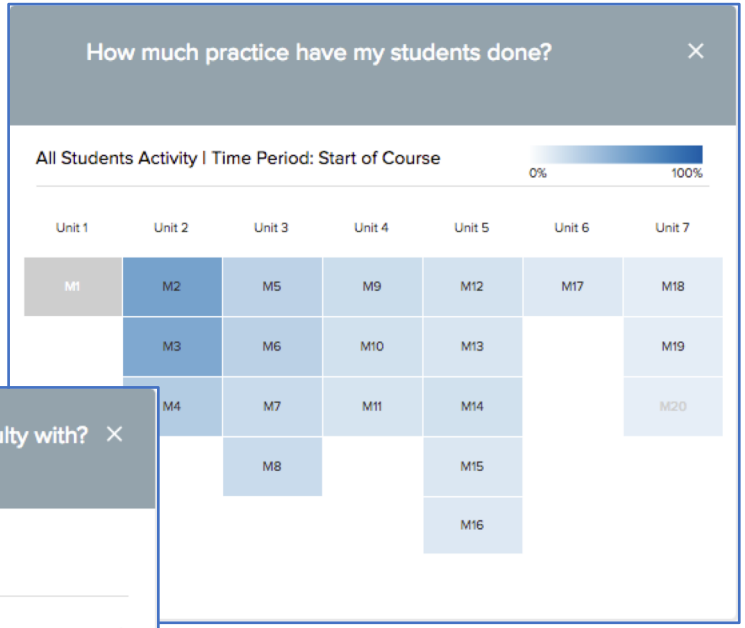
# Decision Tactics

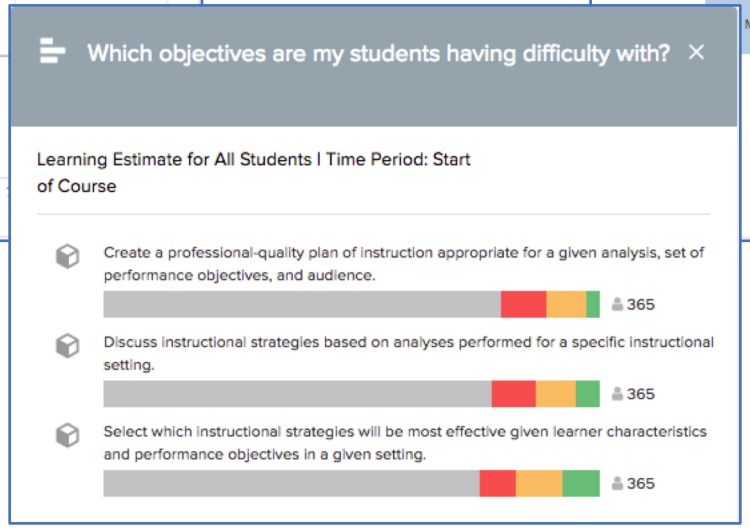
- Instructional strategies
- Knowing the audience
- Getting what is needed
- Resources

# Stakeholder Impact

*…how do we know there is real impact?*


How well are my students learning?
All Students | Time Period: Start of Course
Participating
48%
Average Activities Completed
42%
High
Low
Learning Estimate
0
25
50
% Formative Practice Complete


How much practice have my students done?
All Students Activity | Time Period: Start of Course
0%
100%
Unit 1
Unit 2
Unit 3
Unit 4
Unit 5
Unit 6
Unit 7
M1
M2
M5
M9
M12
M17
M18
M3
M6
M10
M13
M19
M4
M7
M11
M14
M20
M8
M15
M16


Which objectives are my students having difficulty with?
Learning Estimate for All Students | Time Period: Start of Course
Create a professional-quality plan of instruction appropriate for a given analysis, set of performance objectives, and audience.
365
Discuss instructional strategies based on analyses performed for a specific instructional setting.
365
Select which instructional strategies will be most effective given learner characteristics and performance objectives in a given setting.
365

# Wrap Up

- Alignment
- Engagement
- Meaning
- Resourcing
- Review the data…and iterate!

# Session Evaluations & Drawing

- Download and open OLC Conferences mobile app
- Navigate to specific session to evaluate
- Select “Evaluate Session” on session details screen (located under session type and track)
- Complete session evaluation*

*Each session evaluation completed (limited to one per session) = one contest entry
**Five (5) $25 gift cards** will be awarded to five (5) individuals
Must submit evals using the OLC Conferences mobile app or website