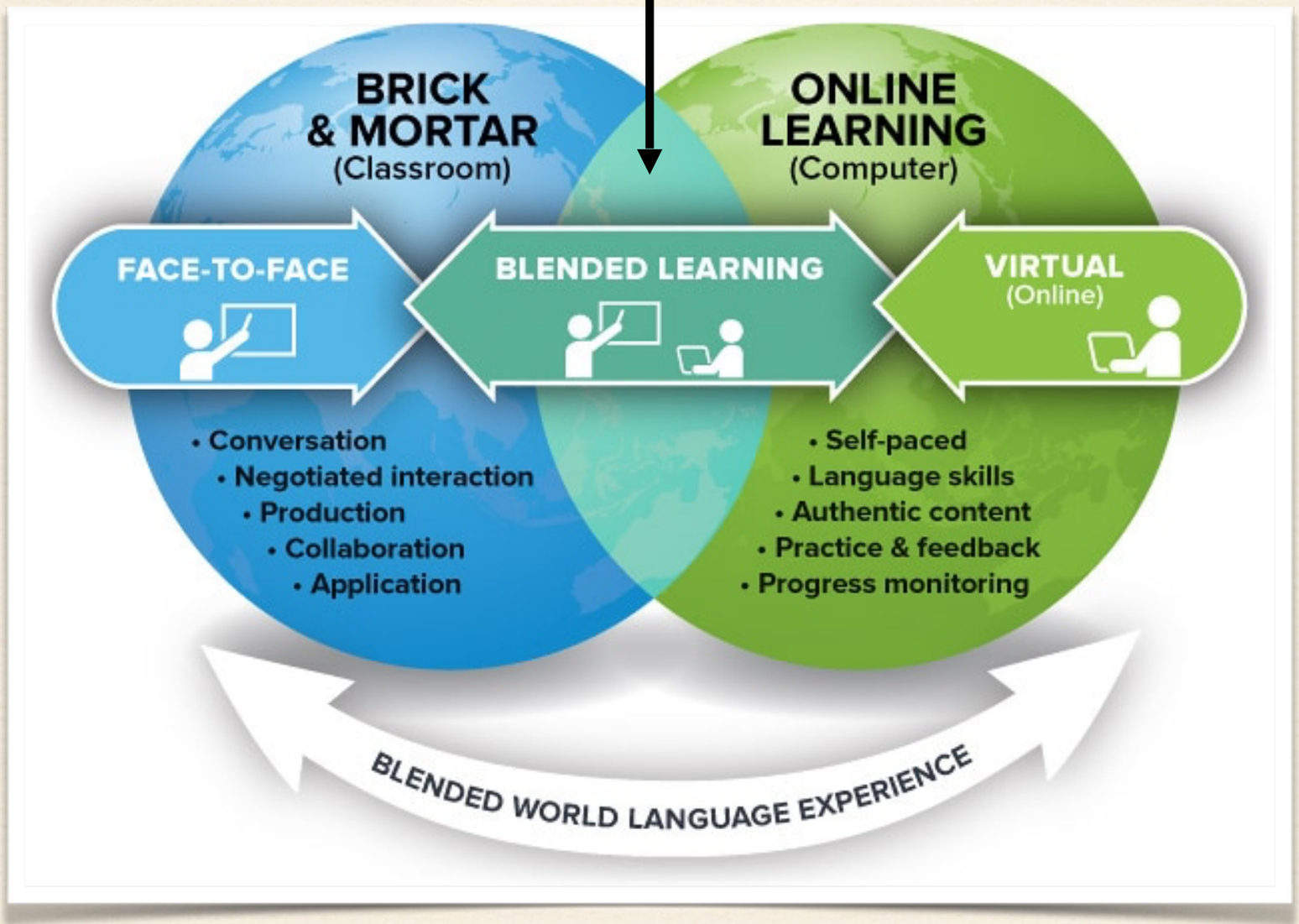
Instructional Design for Online Learning

by

Zahari Hamidon, PHD

Objectives

- Identify learning modes / learning preferences
- Identify learning content / scope of content
- Write the Learning Objective ABCD
- Perform Skill Hierarchy
- Perform Procedural Task Analysis - Instructional Strategy
- Organize learning activity
- Online Learning - Lesson Design



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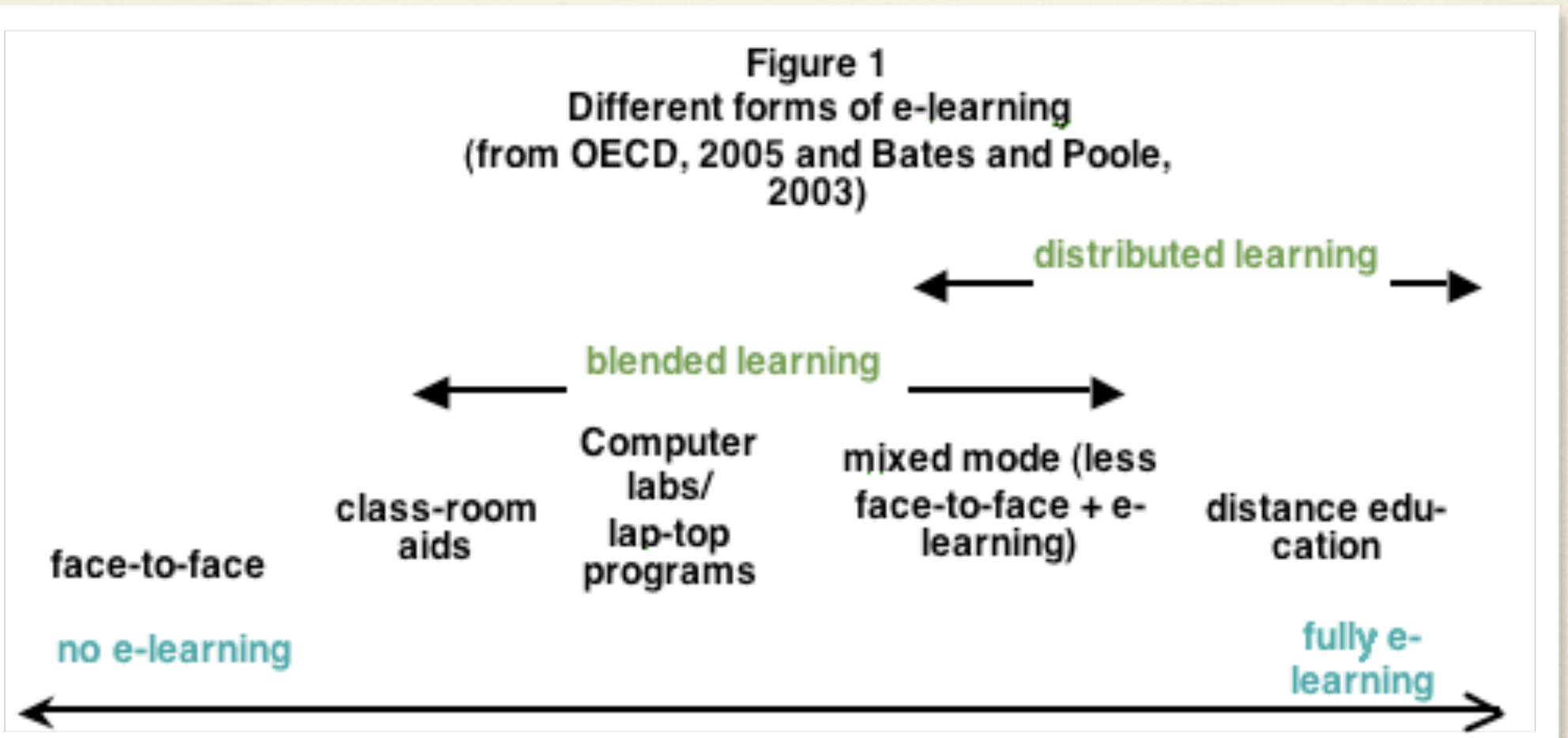


https://www.tonybates.ca/wp-content/uploads/2008/07/bates_what_is_elearning_figure111.gif

1.0 Main Topics

Terminal Objective (EO)

Topics 1.1

Enabling Objective (EO)

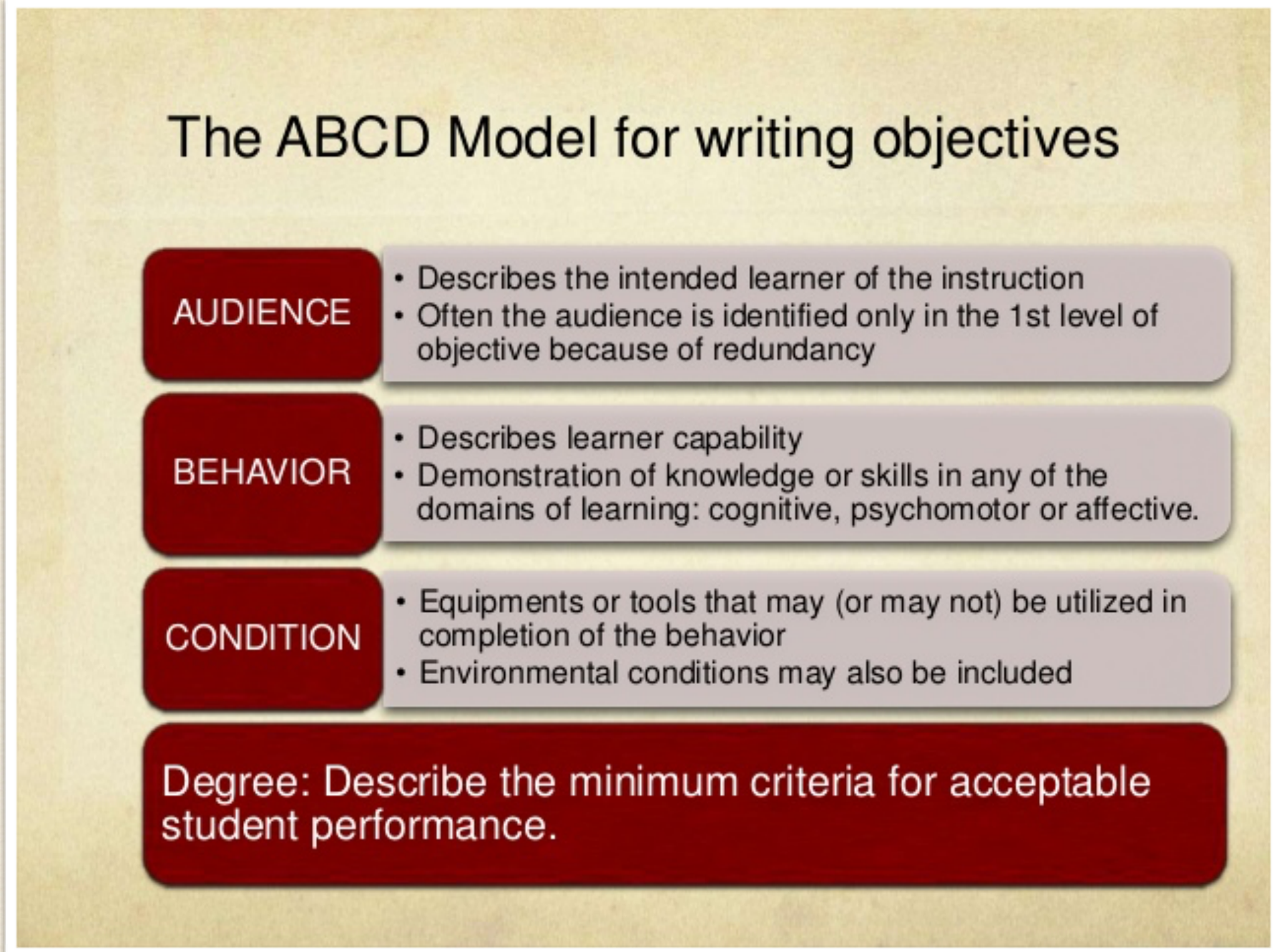
- EO — Topics 1.1.1
- EO — Topics 1.1.2
- EO — Topics 1.1.3

Topics 1.2

Enabling Objective (EO)

- EO — Topics 1.2.1
- EO — Topics 1.2.2

  - EO — Topics 1.2.1.1
  - EO — Topics 1.2.1.2



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Audience- Who are your learners?

Behavior- What do you expect them to do?

Condition- How will the learning take place?

Degree- How much will be accomplished?

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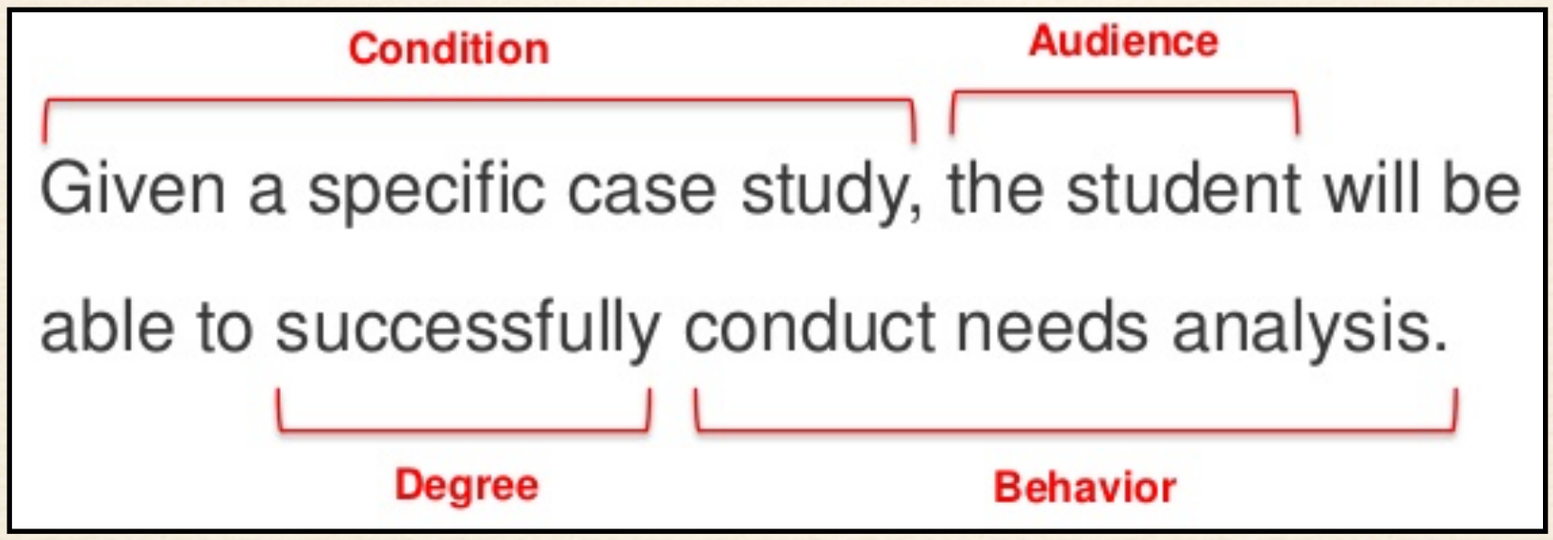

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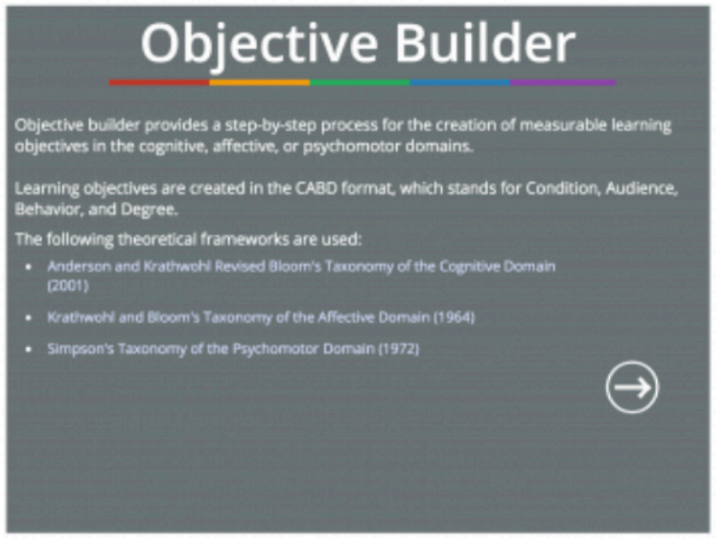


Rating	4.00 / 5
Price	Free
Link	Objective Builder: ABCD

OBJECTIVE BUILDER: ABCD

Description

Objective builder provides a step-by-step process for the creation of measurable learning objectives in the cognitive, affective, or psychomotor domains. Learning objectives are created in the CABD format, which stands for Condition, Audience, Behavior, and Degree.

ABCD Method:

Condition: Resources

Audience:

source: https://ctl.mesacc.edu/crossroads/objective-builder-abcd/

OR

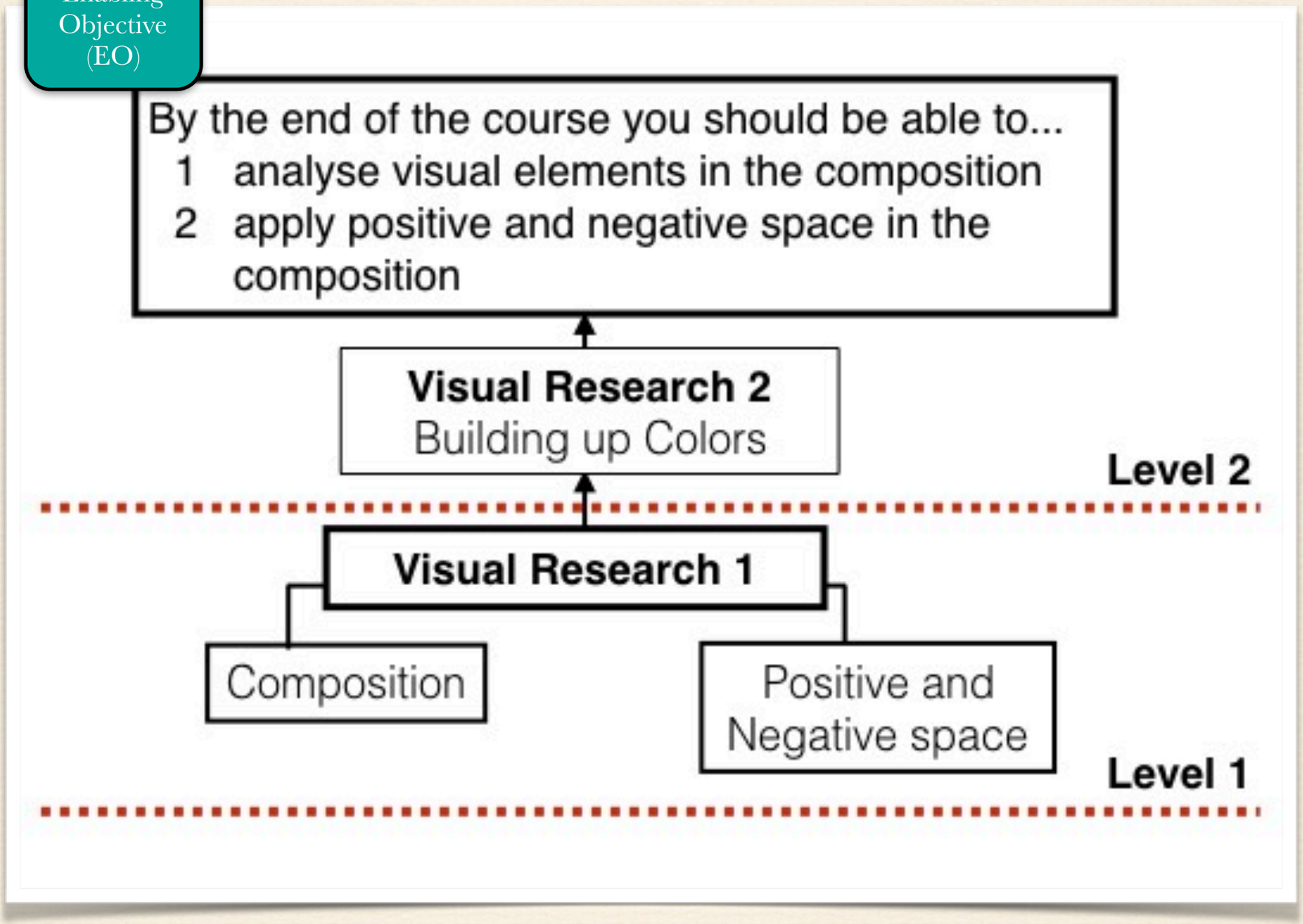
https://cdl.ucf.edu/teach/resources/objective-builder-tool/

Skill Hierarchy

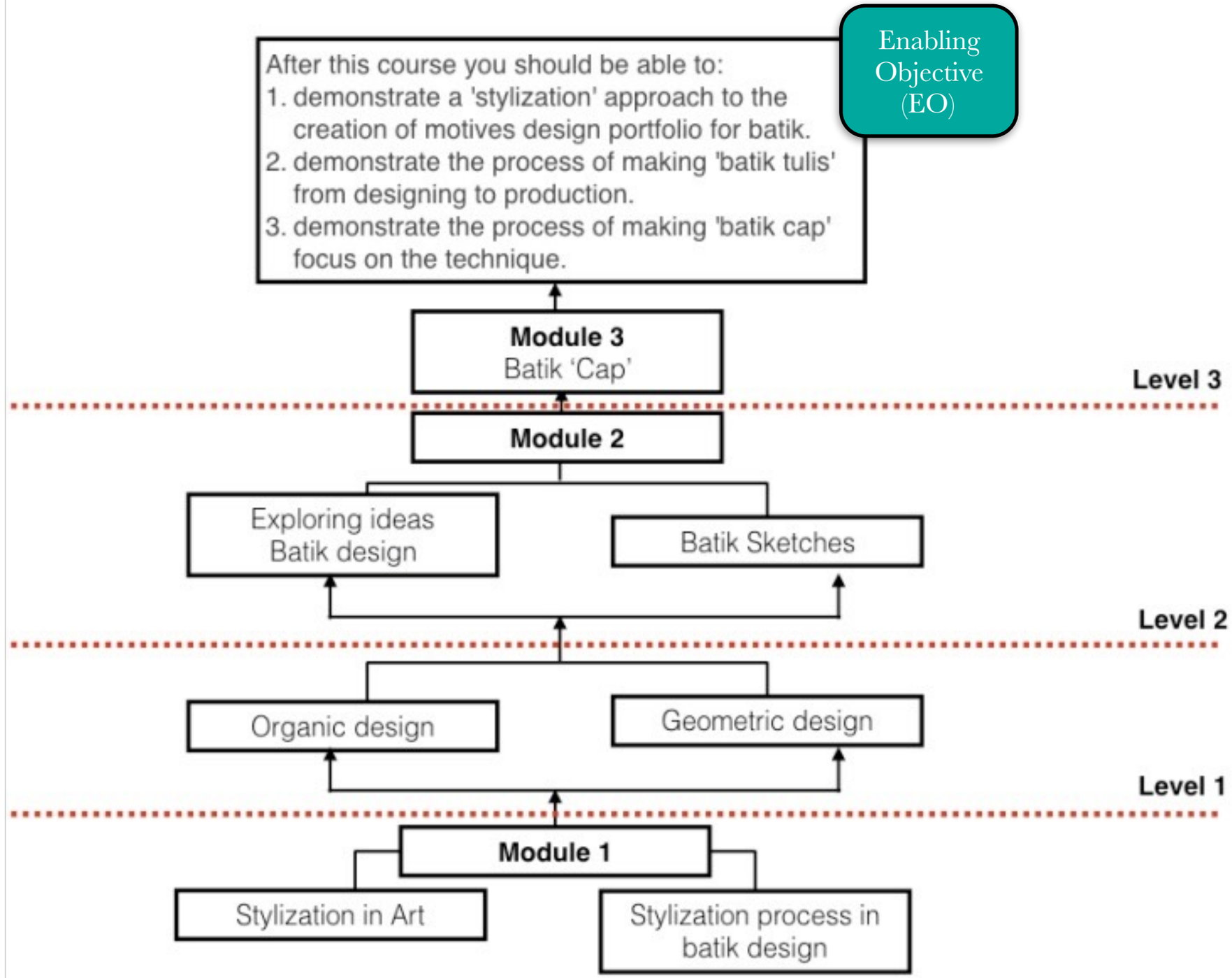
Perform Skill Hierarchy

- Step 1 - Write the lesson objective (Terminal Objective (TO))
- Step 2 - Identify Skill and Knowledge according to the learning objective
- Step 3 - Create a list of skill and knowledge (S/K)
- Step 4 - Organize and arrange the S/K according to level i a form of diagram
- **Outcome**: Skill hierarchy diagram

Enabling Objective (EO)



Skill Hierarchy: Visual Arts-Design Motive in Malaysian Batik



Skill Hierarchy: Living Asia

Enabling Objective (EO)

By the end of the course you should be able to...

1. Recognise the building blocks of English: the word classes.
2. Use the blocks to build simple sentences.
3. Recognise aspects of Asian culture included in this course.
4. Relate details of the culture items included.

Building Sentences

Level 2

Culture & Arts

- Malay Carving
- Historical Places
- Batik

Music

- Dondang Sayang
- Ulik Mayang

English Language

- **Adjective**
- **Verb**
- **Adverb**
- **Noun**

Level 1

Given a traditional gulai asam pedas , Year One Culinary students will mix the ingredient within 15 minutes.

Simmer the ingredient with the fish

Frying the ingredient

Herbs and spice

Identify ingredient

Blend the ingredients

Prepare the ingredient

Frying Fish Fillet

Cleaning a fish

prepare Fish Fillet

Prepare the fish

Operate the stove

Cooking

Blended Approach

Frying the ingredient

Given a traditional gulai asam pedas , Year One Culinary students will display the skill of preparing the ingredient in a sequential traditional steps.

Youtube

T1.Chopping the onion

Youtube

T2. Blend the chillies

Youtube

T3. Fry the onion

Youtube

T4. Put the chilly and fry with onion

Practical

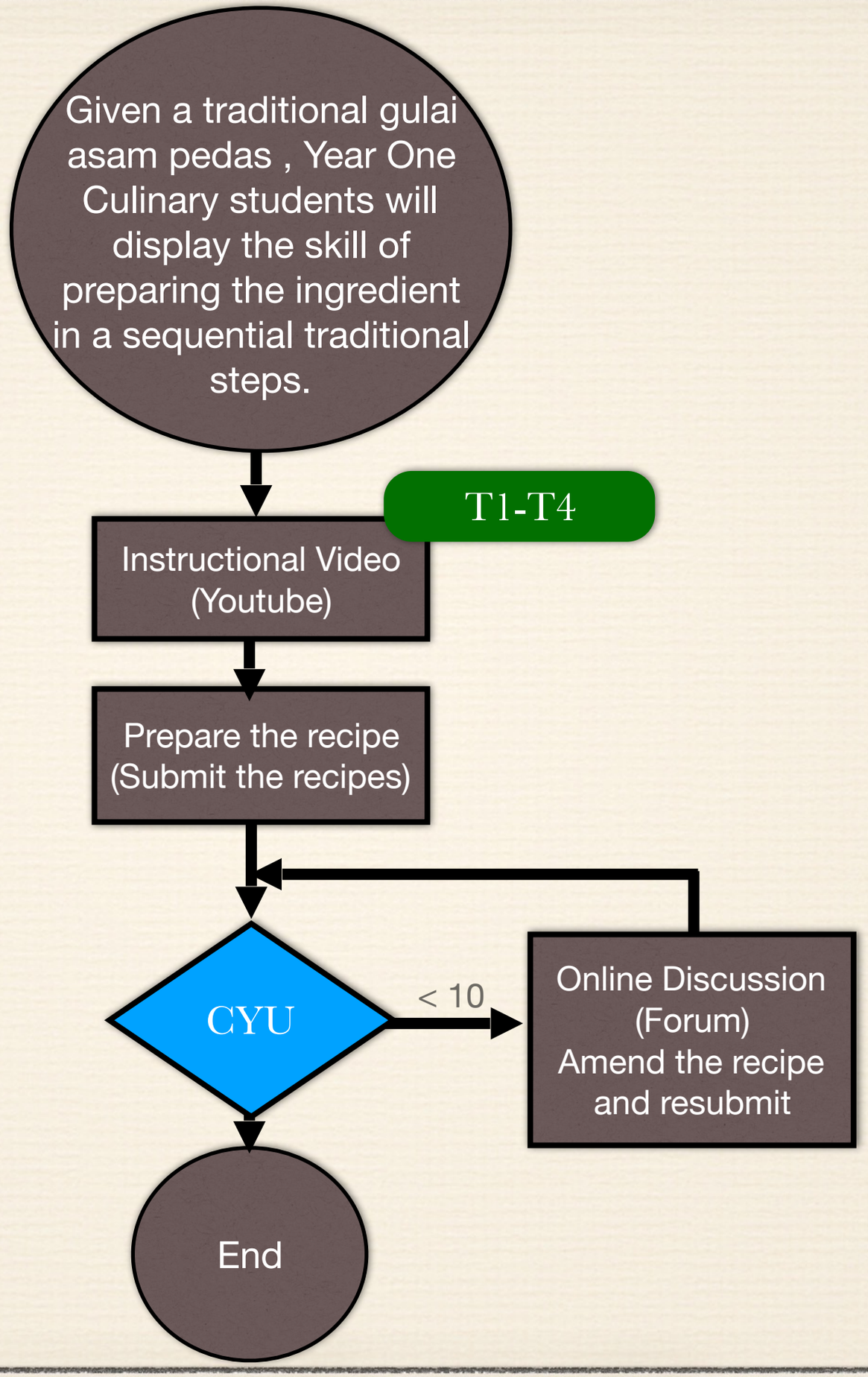
Taste

Lack of flavour

Add salt

End

Frying the ingredient



Procedural Task Analysis

Perform Procedural task analysis

- Step 1 - Select at least three skill from the SH diagram

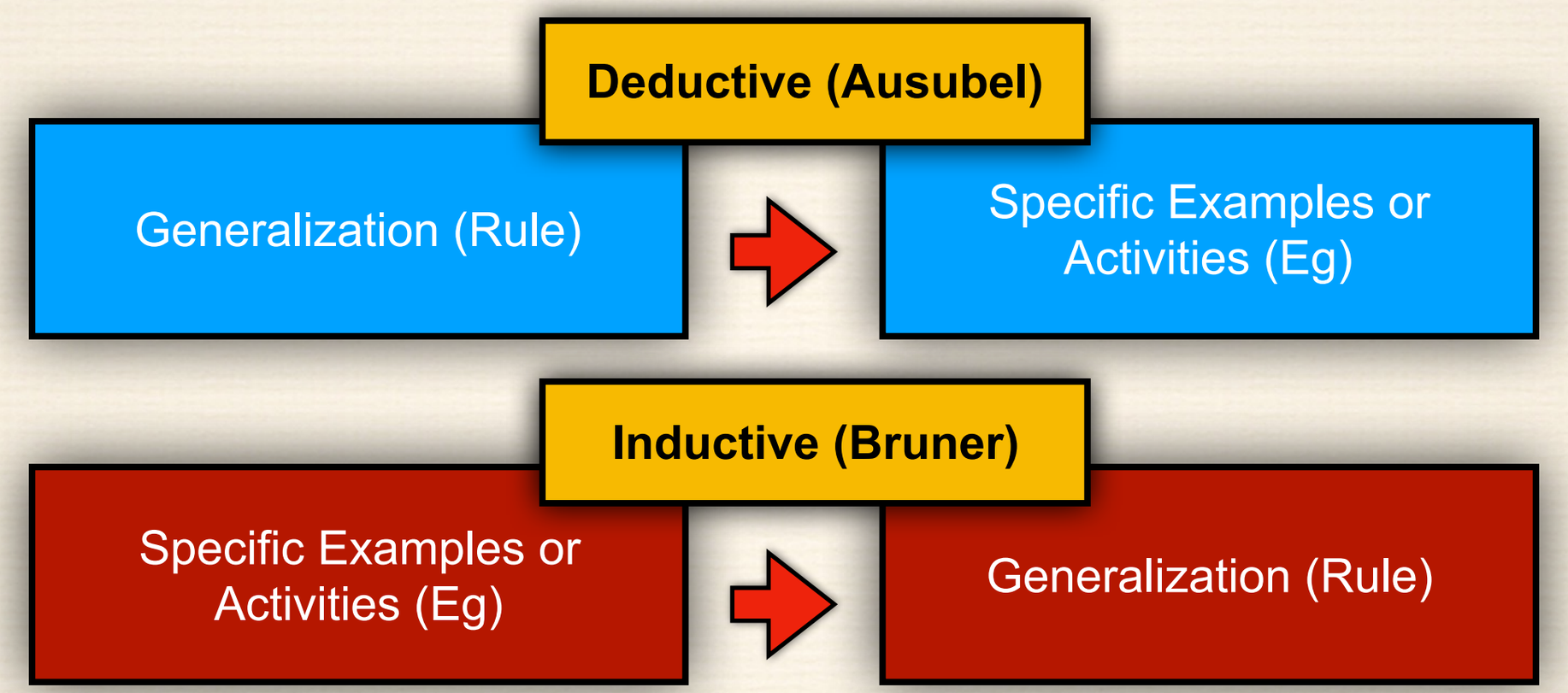
- Step 2 - Based on the S/K specify the ACTIVITY for each skill (simulation, game, drill & practice, problem-solving)
- Step 3 - Create a list of activity

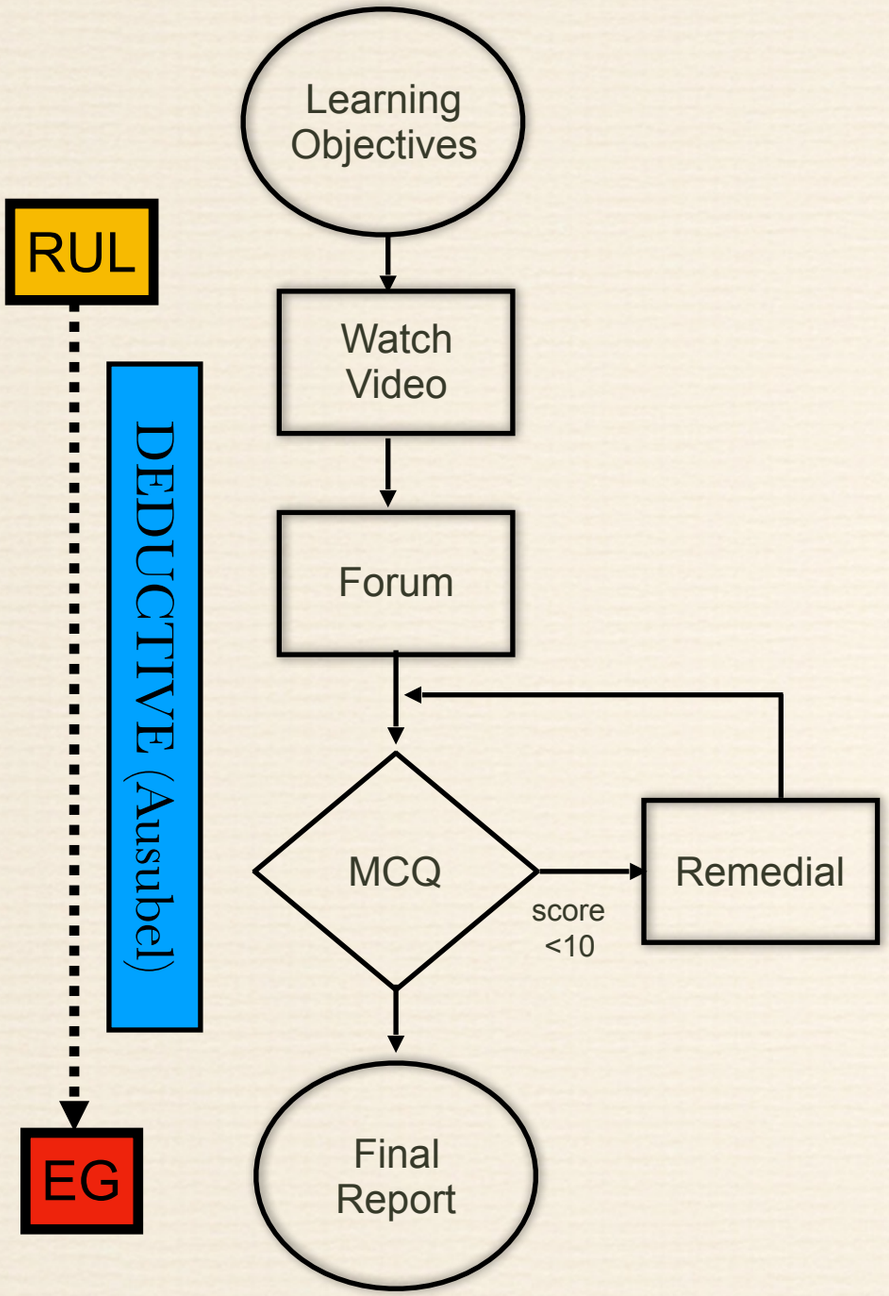
- Step 4 - Write an Enabling Objective (EO) for each activity

- Step 5 - Organize and arrange the activities in a flowchart form

- Outcome: Procedural Task Analysis diagram (IS)

Instructional Strategy



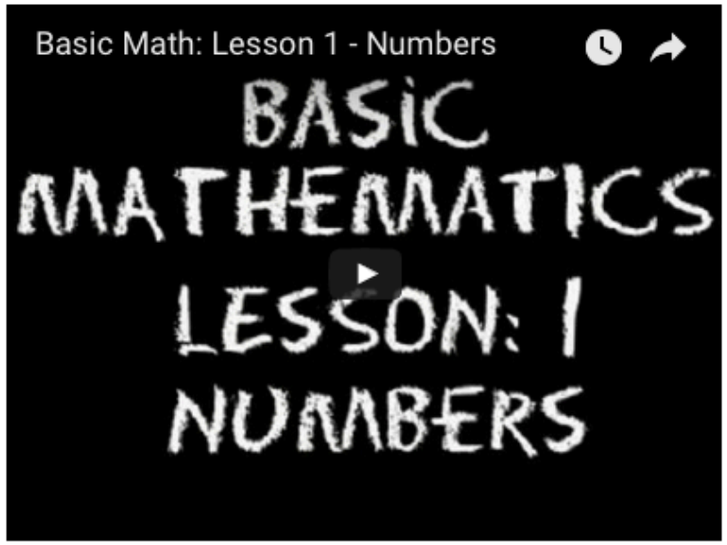


TOPIC 3: TRY OUT

Objective:

1.
2.
3.

Basic Math: Lesson 1 - Numbers



Basic Math: Lesson 1 - Numbers

Watch the video and discuss in the Forum with your friends about your understanding of numbers

Assignment 3 (20%)

Description

MCQ (20%)

MCQ week 1

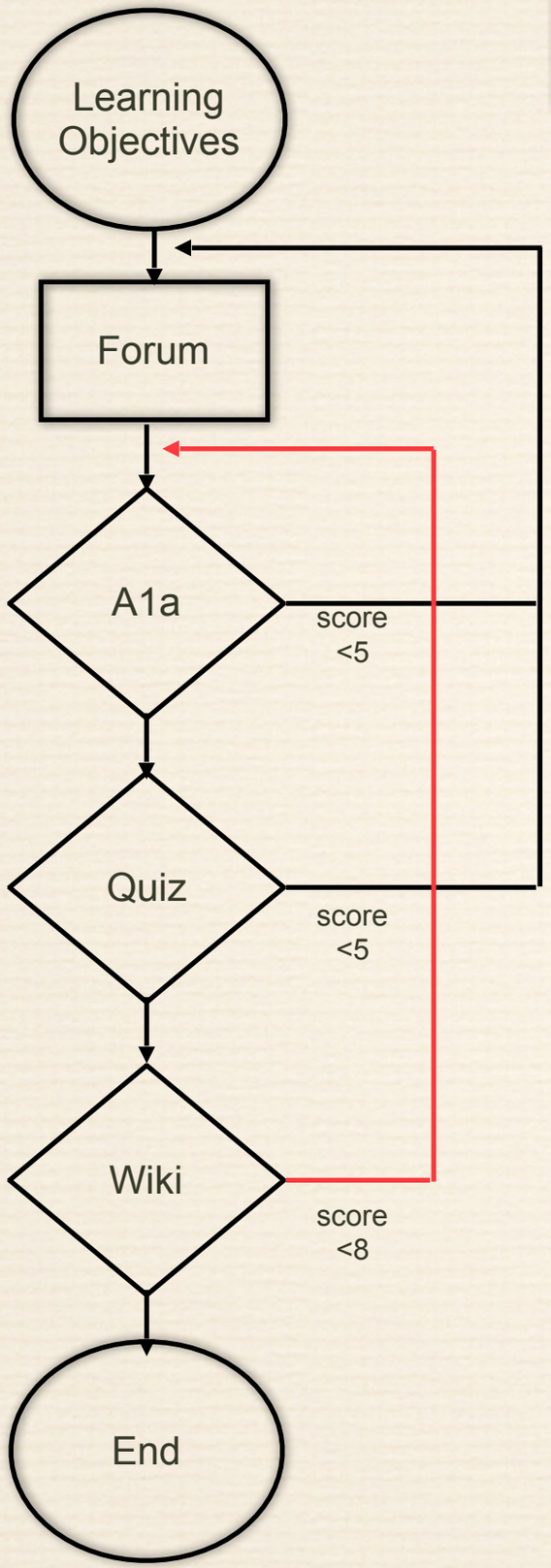
Not available unless: You achieve a required score in **Assignment 3 (20%)**

Remedial

Remedial : **If MCQ < 10**, you need to complete this task

Final Report

Organization of task in Moodle



Topic 4: Controlling The Section

Forum 1 (10%)

Assignment 1a (15%)

Not available unless: You achieve a required score in **Forum 1 (10%)**

Quiz 1 (20%)

Quiz 1 (20%) - Follow rules in Forum 1

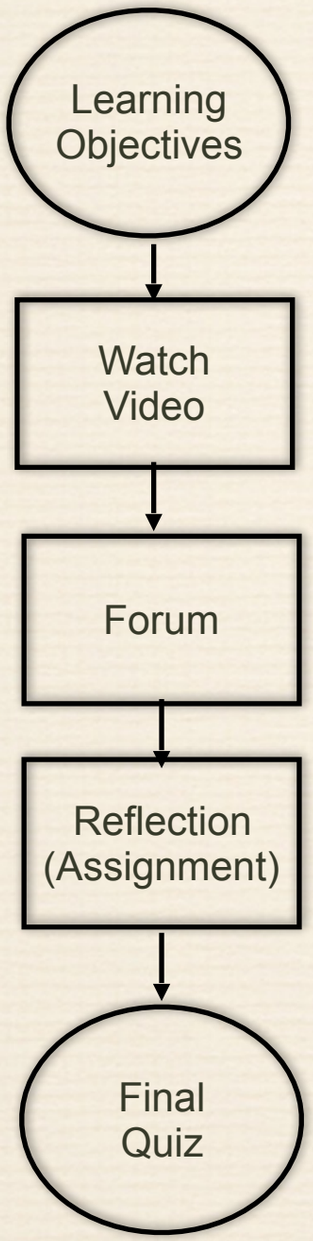
Not available unless: You achieve a required score in **Forum 1 (10%)**

Wiki (35%)

Wiki (35%) - Follow rules Assignment 1a

Not available unless: You achieve a required score in **Assignment 1a (15%)**

Organization of task in Moodle



Topic 4: Laying a Brick

Learning Objectives

After this lesson you should be able to:

1.
2.
3.

The Art of Laying Brick - YouTube Video

Published on Dec 3, 2009

Rent our series right here on youtube, subscribe to our channel for more details. Buy Physical DVD's at http://learntolaybrick.bigcartel.com
This is a clip from our series of brick laying videos. Check our website for more information about learning the art of laying brick with our easy to follow series of videos. http://www.learntolaybrick.com

Forum (Formative Assessment) (10%)

Assignment (Formative Assessment) (30%)

Final Quiz MCQ (Summative) (60%)

Restricted Not available unless: You achieve a required score in **Forum (Formative Assessment) (10%)**

Thank You

drzahari.hamidon@gmail.com