Introduction to
# Aims, Objectives and ILO's

**Dr. Chalinda Beneragama**

---

**By the end of this session, you will be able to…..**

- Distinguish aims, objectives and ILOs

- Write an 'aim statement' precisely

- Write meaningful objectives/ILOs

---

# What is an aim?

- A relatively broad, long-term goal
- What is going to be achieved at the end of a given time

  e.g.   - Increase the profit
      - Become a professional basketball player

---

# Why have aims?

- Target oriented (e.g. profit)

- Tracking purposes

- For motivation

---

# What is an objective?

- Smaller targets that help you achieve the aim
- Steps in a stairway

---



Aim — Increase profit by 20%

Objectives —
Reduce wastage
Open more stores
Increase advertising
Increase customer service

## Become a professional basketball player



- Join a BB club
- Find a good coach
- Study BB rules
- Practice hard everyday

## SMART Objectives

| | | |
|---|---|---|
| **S**pecific | What exactly are we going to do? With or for whom? | |
| **M**easurable | Is it measurable & can we measure it? | |
| **A**chievable | Can we get it done in the timeframe/ in this set-up/ with this amount of money? | |
| **R**elevant | Will this objective lead to the desired results? | |
| **T**ime bound | When will we accomplish this? | |

## Objectives

- **Process objectives**



- **Outcome objectives**



**Aim: To improve the Communication Skills of non-academic staff of University of Peradeniya**

**Process objective**

- By the end of the 2020, programme staff will conduct a 10-session-programme on Effective Communication Skills to at least 6 departments at each of the 2 identified faculties



**Aim: To improve the Communication Skills of non-academic staff of University of Peradeniya**

**Outcome objective**

- At the end of the 10-week programme, at least 50% of the non-academic staff participants will **demonstrate** improved Effective Communication Skills

**How SMART is this objective?**

By the end of next year, trainers will have trained 60% of the nurses in the Colombo district on the "Patient care in the modern world"

**How SMART is this objective?**

Increase the number of laboratories that Adopt "Good Laboratory Practices (GLP)" procedures

**How SMART is this objective?**

Train academic staff on Information and Communication Technology (ICT) in Sri Lanka
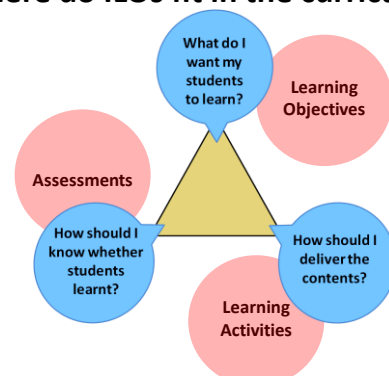
**How SMART is this objective?**

By the end of the class, at least 50% of students will have at least an 80% increase in knowledge
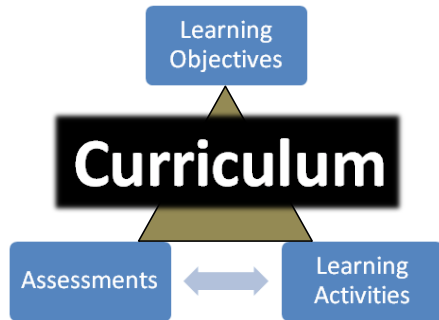
Square root of infinity!!

**How SMART is this objective?**

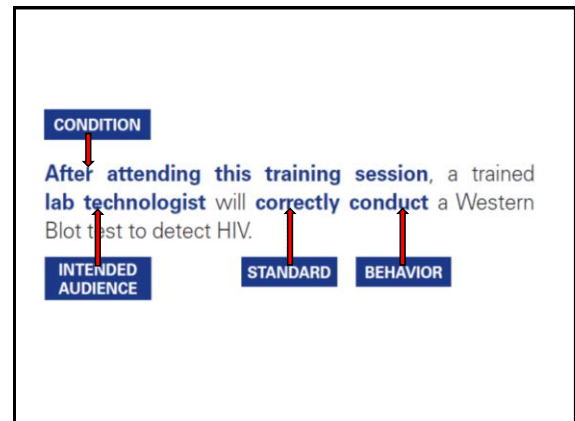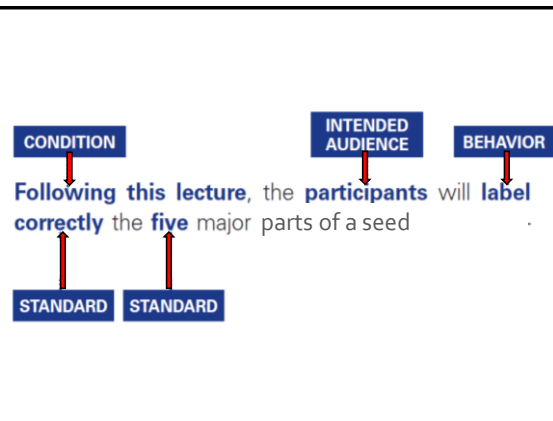I want to have Rs. 5 Million by the time I am 55 years old so that I can retire

**Where do ILOs fit in the curriculum?**
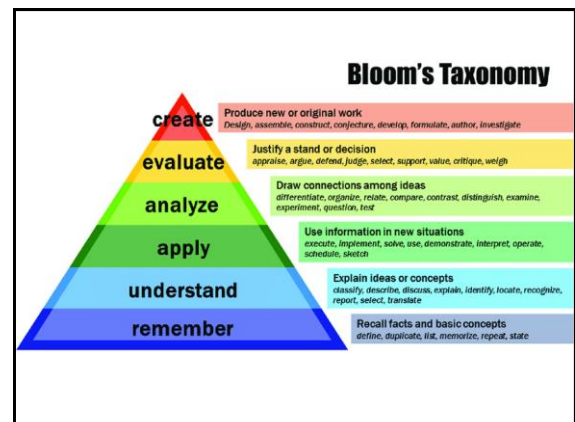
## Where do ILOs fit in the curriculum?



## Writing Intended Learning Outcomes





**Following this lecture**, the **participants** will **label correctly** the **five** major parts of a seed.

CONDITION — INTENDED AUDIENCE — BEHAVIOR — STANDARD — STANDARD



**After attending this training session**, a trained **lab technologist** will **correctly conduct** a Western Blot test to detect HIV.

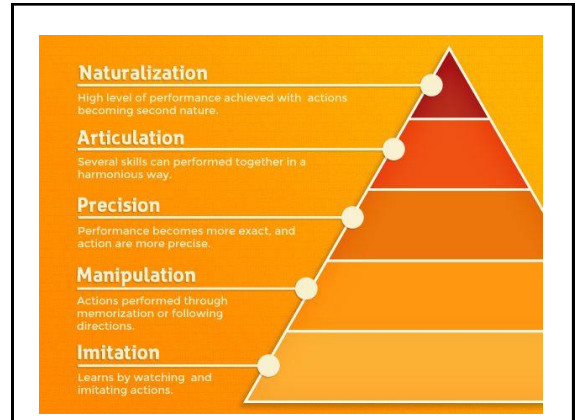CONDITION — INTENDED AUDIENCE — STANDARD — BEHAVIOR

## Action verbs for Cognitive domain

- write
- state
- define
- list
- predict
- name

- identify
- contrast
- recall
- describe
- classify
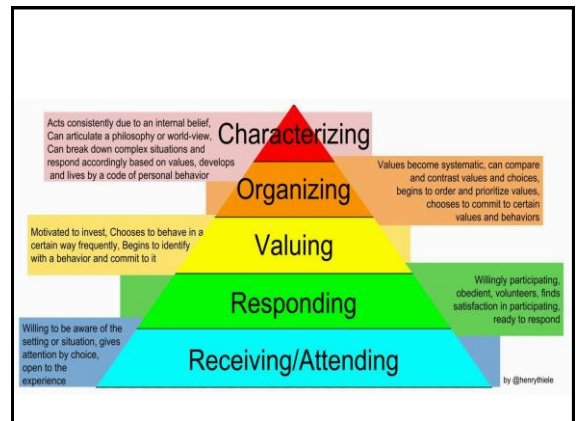- recognize

- select
- compare
- discuss



**Bloom's Taxonomy**

create — Produce new or original work
*Design, assemble, construct, conjecture, develop, formulate, author, investigate*

evaluate — Justify a stand or decision
*appraise, argue, defend, judge, select, support, value, critique, weigh*

analyze — Draw connections among ideas
*differentiate, organize, relate, compare, contrast, distinguish, examine, experiment, question, test*

apply — Use information in new situations
*execute, implement, solve, use, demonstrate, interpret, operate, schedule, sketch*

understand — Explain ideas or concepts
*classify, describe, discuss, explain, identify, locate, recognize, report, select, translate*

remember — Recall facts and basic concepts
*define, duplicate, list, memorize, repeat, state*

## Action verbs for Psychomotor domain

- insert load
- disconnect
- repair open
- replace
- tune
- operate
- assemble
- construct
- measure
- Align
- disassemble
- adjust
- manipulate



## Action verbs for Affective domain

- accept
- listen
- receive
- perceive
- decide
- influence
- associate
- derive
- determine
- be aware of
- appreciate
- judge



1. Explain 2 teaching methods that can be used to teach undergrads in universities in Sri Lanka
2. Briefly explain 2 teaching methods that can be used to teach undergrads in universities in Sri Lanka
3. Discuss 2 teaching methods that can be used to teach undergrads in universities in Sri Lanka
4. Briefly discuss 2 teaching methods that can be used to teach undergrads in universities in Sri Lanka
5. Compare 2 teaching methods that can be used to teach undergrads in universities in Sri Lanka
6. Compare and contrast 2 teaching methods that can be used to teach undergrads in universities in Sri Lanka

# In summary……….,

- **What are aims?**
- **What are objectives and ILOs?**
- **SMART objectives**
- **Process/ outcome objectives**

## This knowledge is useful in….

- Daily life – career path, daily scheduling, meetings
- Lesson planning - Course aims/objectives/ILOs
- Deciding session objectives/ILOs
- Conducting training programs
- Program reviews/ Institutional reviews

## Thank you!

**Dr. Chalinda Beneragama**
*Department of Crop Science*
*Faculty of Agriculture*
*University of Peradeniya*
E-mail- chalindab@gmail.com
Mobile - 0718-501-686