

GN♥MIE

Objectives



UMass Chan
MEDICAL SCHOOL



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Roadmap



Define Goals & Objectives



Write Smart Objectives

SMART OBJECTIVES



Specific

S



Measurable

M



Accountable

A



Relevant

R



Time-Based

T

Failure to specifically set learning goals can be inefficient



Show me an animal

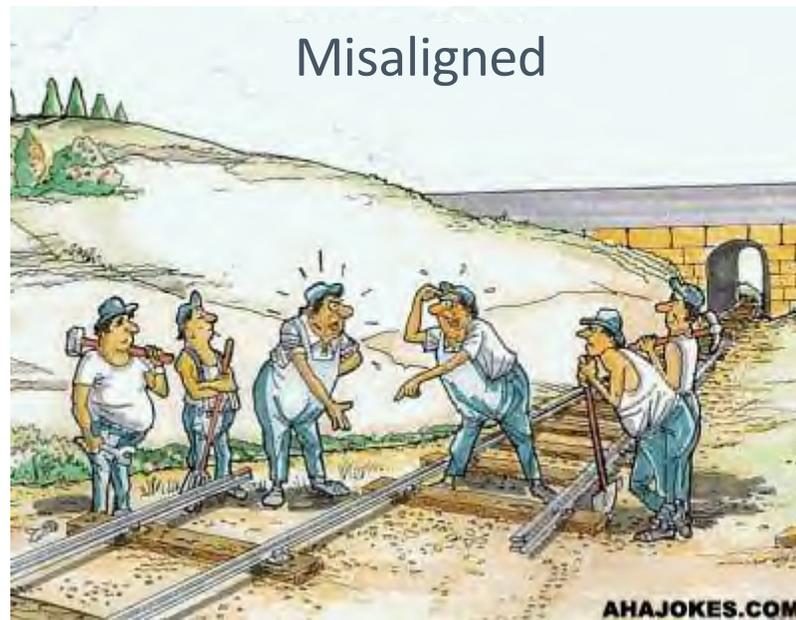


Show me a mammal



I want a mammal with a large nose

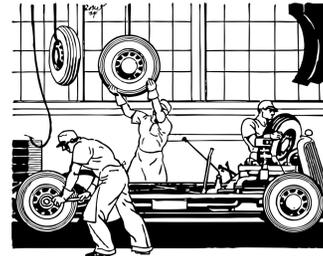
Unclear objectives leads to misalignment



**Knowing exactly what you want to accomplish
improves teaching outcomes**



Define Goals vs Objectives



Goals



Learn about Animals



Learn about Mammals



Learn about Elephants

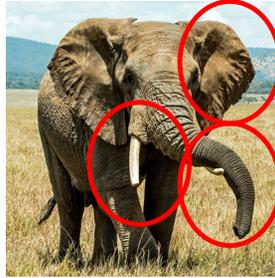


Objectives

GOALS



Objectives

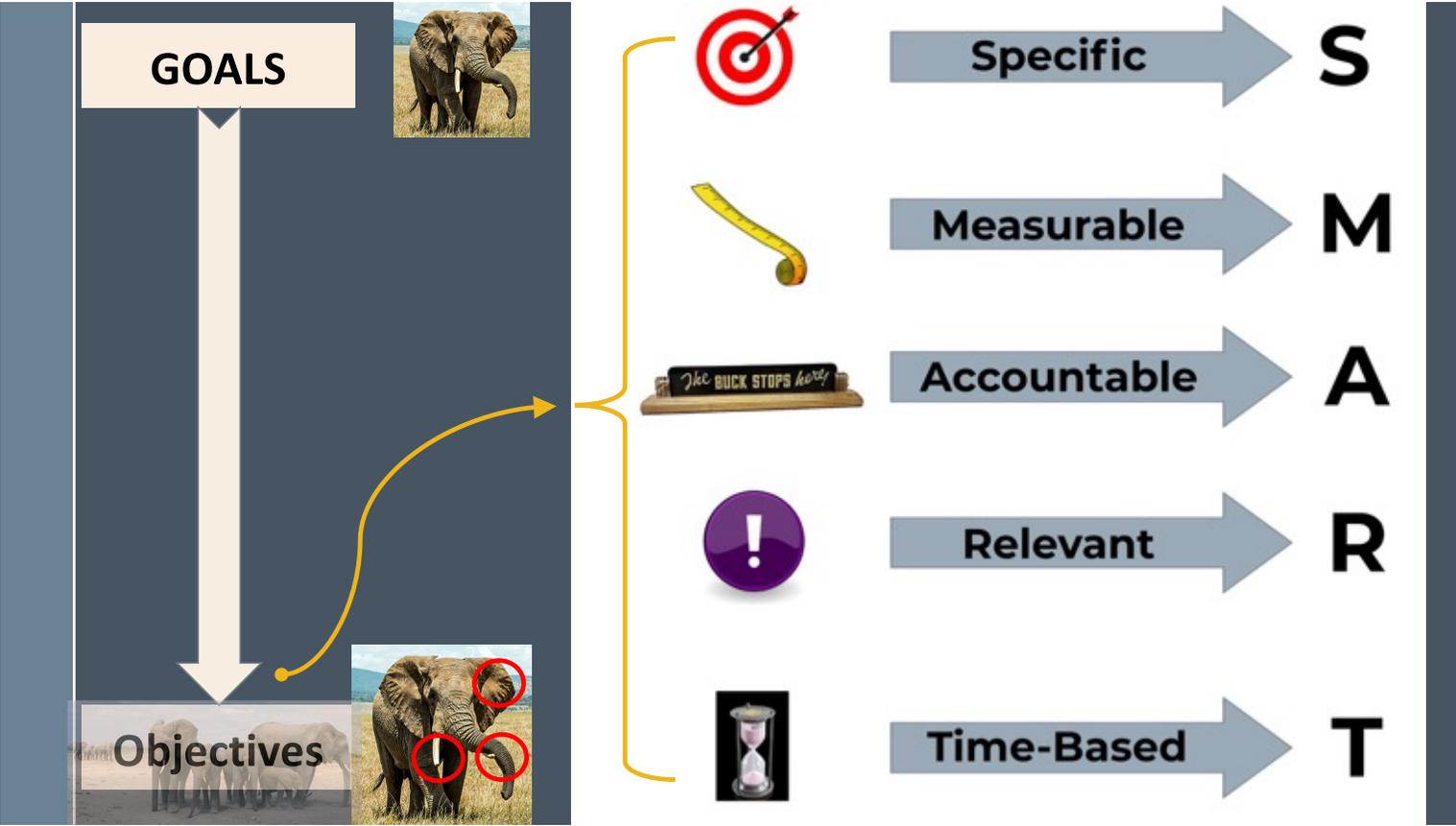


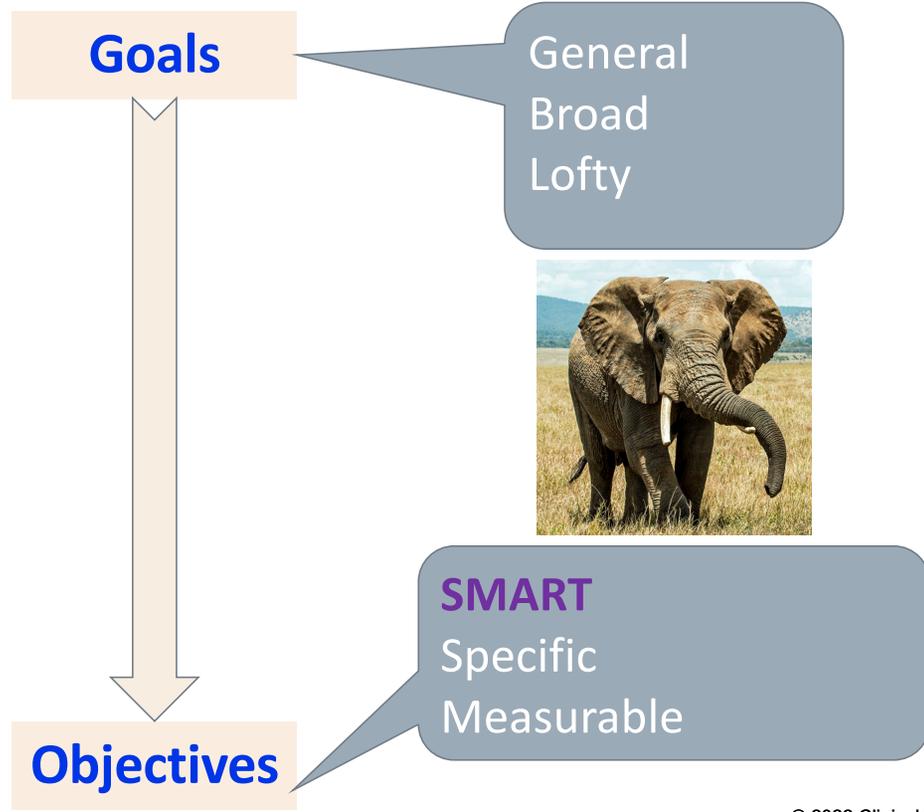
Learn about Elephants

Name 3 characteristics
of elephants



Learn about Social
Habits of Elephants





Previewing enhances student's ability to learn

Pt w DM x 20 yrs.
New to practice.
Here to establish care.



Read about
diabetes tonight.

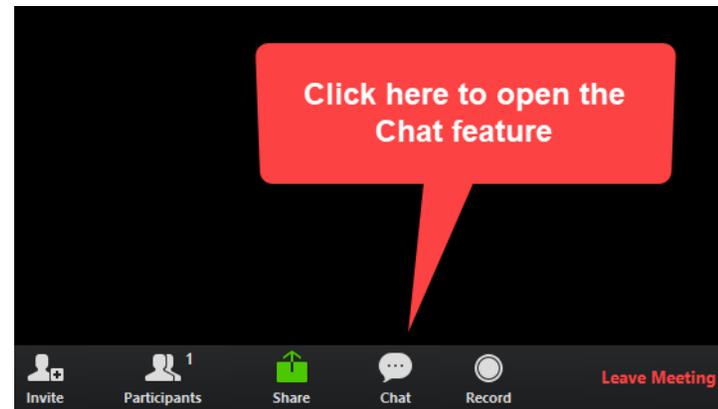
Goal



Objectives

A task analysis is a great first step in developing objectives

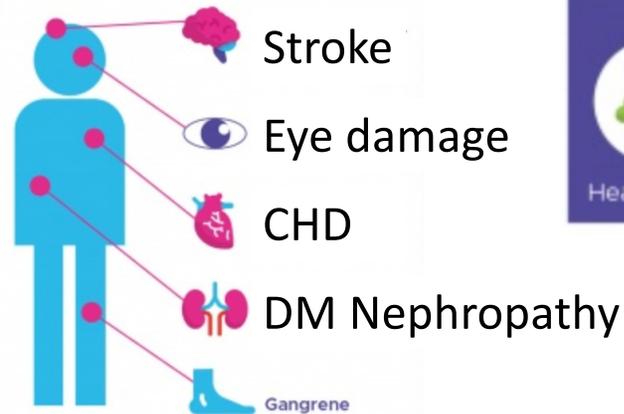
Pt w DM x 20 yrs.
New to practice.
Here to establish care.



Task Analysis

Teaching is a lot like clinical care

Complications



Education/Treatment



Task Analysis

Agenda  Objectives

https://www.freepik.com/free-vector/diabetes-infographic-with-flat-design_2639341.html

Objectives are specific, measurable, accountable, relevant, and time sensitive. (SMART)

Agenda

Eye Exam



BP (CV)



UA w microalbumin



Patient Education



Patient Education

Meal Planning

Monitor Bld Glucose

Use of insulin or pills

Exercise

A Task Analysis tells me what *everyone* needs to know.
A Needs Assessment tells me what *this* learner needs.

I have a PhD in
pharmacology, but
not much else.



What do you know
about DM?
That just saved an hour!

How narrow do we need to get?

Educational Goals

VS

Educational Objectives

Meal Planning

Monitor Bld Glucose

Use of insulin or pills

Exercise

Be Practical

Educational Goals

VS

Educational Objectives

Meal Planning

Monitor Bld Glucose

Use of insulin or pills

Exercise



Read about meal planning tonight.

Be practical: Observe student with patient

Educational Goals

VS

Educational Objectives

Meal Planning

Monitor Bld Glucose

Use of insulin or pills

Exercise



If student performs poorly, re-assess teaching strategy.

Educational Goals

VS

Educational Objectives

Meal Planning

Monitor Bld Glucose

Use of insulin or pills

Exercise

Task Analysis

Objectives

- Label reading
- Low cholesterol/fat guidelines
- Fitting sugar into the plan
- Portion control
- Options when dining out

It's important to be realistic

Sanity

Meal Planning



Tedious

- Label re
 - Low ch
 - Fitting s
 - Portion
 - Options
- Guidelines
Plan
out



Objectives are specific, measurable, accountable, relevant, and time sensitive. (SMART)

Educational Goals

Meal Planning

Objectives

- Label reading
- Low cholesterol/fat guidelines
- Fitting sugar into the plan
- Portion control
- Options when dining out

Objectives are specific, measurable, accountable, relevant and time sensitive **(SMART)**

Objective

By tomorrow
the learner will be able to
discuss the following
with a patient as I observe

Meal Planning Details

- Label reading
- Low cholesterol/fat guidelines
- Fitting sugar into the plan
- Portion control
- Options when dining out

Objectives come in 3 flavors

Knowledge

Skills

Attitudes



Objectives come in 3 Flavors



If you want to be good at playing music, you need:

Music Theory Cheat Poster

If you can read this poster from your seat, feel free to use it during the test.

The poster is a dense collection of music theory information. It includes:

- Major Scale:** A diagram showing the scale with intervals: W (whole), H (half), W, H, W, H, W, H.
- Minor Scale:** A diagram showing the scale with intervals: W, H, W, H, W, H, W, H.
- Interval Identification:** A circular diagram for identifying intervals by name and number.
- Chords:** Diagrams for triads (Major, Minor, Diminished, Augmented) and dyads.
- Rhythm:** Examples of note values and rests.
- Harmony:** Definitions of terms like Counterpoint, Fugue, and Phrasing.
- Form:** Definitions of musical forms like Sonata, Symphony, and Suite.
- Key Signatures:** A list of major and minor key signatures.
- Time Signatures:** A list of common time signatures.
- Tempo:** A list of common tempo markings.
- Performance:** A list of common performance markings.

Knowledge

Objectives come in 3 Flavors



If you want to be good at playing music, you need:



Skills

Objectives come in 3 Flavors

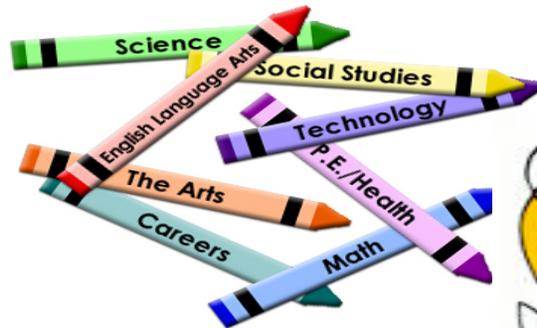
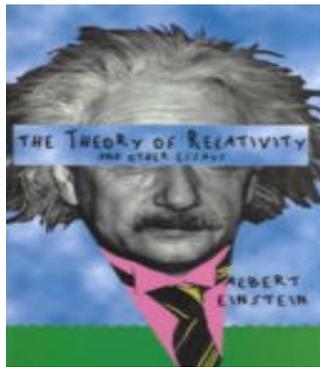


If you want to be good at playing music, you need:



Attitude

When do you need to set Objectives?



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Think about your teaching setting



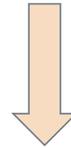
Goals



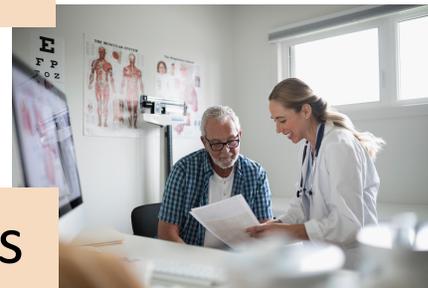
Think about your teaching setting



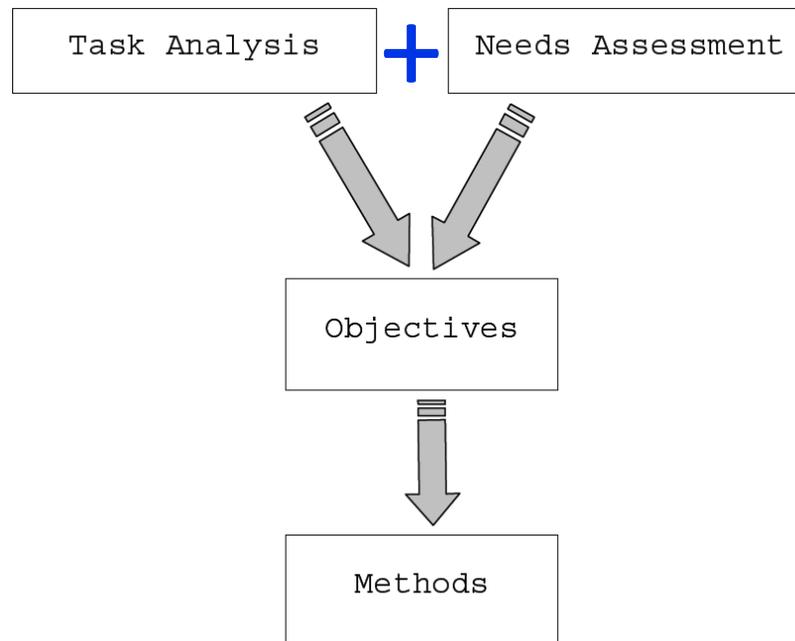
Goals



Objectives



Summary



Role Play Exercises

- › Role play designed to get needs assessment
- › Then break:
 - Generate Needs Assessment with group
 - Prioritize
 - Develop objectives
 - How would you get buy-in?



Demo Role-Play: Inpatient Service

- › **RESIDENT:** You are a senior resident on the inpatient service; it is 7:00am. You are getting your team organized for rounds and have asked the new 3rd year medical student to “get the vitals” on your patients so that you can present these patients to the attending. You hand the student a list of 20 patients and ask them to meet back up by 7:30am. At 7:30am, the student hands you a list of vital signs for only two patients.
- › **STUDENT:** You are a 3rd year medical student starting on an inpatient service; it’s your first 3rd year rotation. You have been taught how to take a blood pressure, temperature, pulse, respiratory rate, but have only done this a handful of times. You go to each patient’s room to take these measurements, but it is taking a long time to get this done. You do not get all the vitals in time.