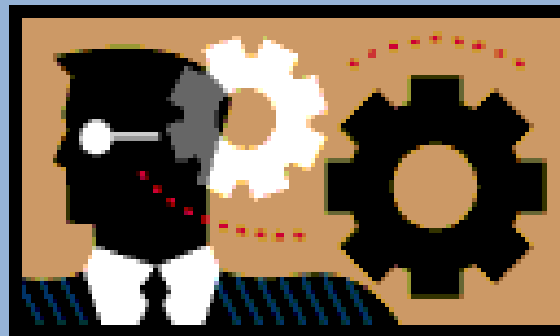


# THE MECHANICS OF EFFECTIVE INSTRUCTION



# TEACHING TOOLS

## (PART TWO)



Tim Mosterdyke

# Objectives:

1. Identify the Three Types of Learning
2. Label and Describe Methods of Instruction
3. Combine Methods of Instruction with Types of Learning
4. Appreciate and be attentive to this process in Lesson Planning

# Facilitating Creative Thinking

## “TRAINEE LEARNING BEGINS WITH INSTRUCTOR PREPARATION”

(ICTP)

(Adult Learning in under 3 minutes

<https://www.youtube.com/watch?v=8lvkJhXnEZk> )(3.23)

(Episode 2; More Adult Learning in under 3 minutes

<https://www.youtube.com/watch?v=VTVJI2XmaC4> )

*We Train Industry Leaders*



# Words of Advice

**As you enter a classroom ask yourself:  
If there were no students here,  
could I do what I am planning to do?  
If the answer is yes, don't do it !**

*Making the case for interaction –Biechner, R. (2006)*

# Lesson Plan Walk-through

As a 'trade' group:

1. Find the book on your table
2. Pick a Module
3. Find the Module Objectives
4. List the Objectives, in order of Priority, on the Lesson Plan.

### LESSON PLAN

Program:

Instructor:

Date:

Time needed for the lesson:

Day/Date/Time:	Session or Module Title	Assignments Due
1.		
2.		
3.		
4.		
5.		
	<i>(...add or subtract rows as needed...)</i>	

Materials Needed:

- ☐ Audio/Visual Aids
- ☐ Handouts
- ☐ Shop Tools/Materials
- ☐ Other:

OBJECTIVES, in order of priority:	Primary Method of Instruction (i.e. Lecture, Project-based, PowerPoint, Demonstration, Field Trip etc.)
a.	
b.	
c.	
d.	
<i>(...add more as needed...)</i>	

# Presentation Plan Walk-through

As a 'trade' group:

1. Transfer the first Objective on the Lesson Plan to the Presentation Plan.
2. Using the "KSA Action Verb Identifier" label the Objective as "K", "S", or "A."
3. Using the "Teaching Tools Sorted by Types of Learning" handout, identify one or two Methods and list them on the Presentation Plan.



### PRESENTATION PLAN

Day/Date/or Time:	
Module Title:	
Objective(s):	
Primary Method of Instruction:	

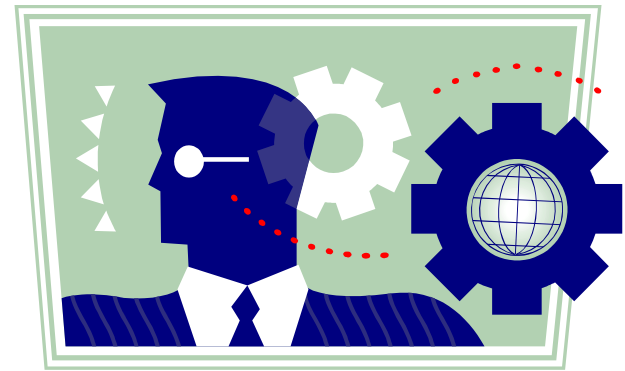
Time:	Introduction:
Time:	Presentation:
Time:	Shop Assignment:
Time:	Assessment: (i.e. Written Exam, Mid-Lesson oral feedback, Graded Homework, Group Assignment, Graded Project etc.)
Time:	Homework Assignment:

### Instructor Notes

Discussion points to be reviewed next class:
1.
Suggested Lesson modification(s):
1.
Other:
1.

# (Teaching Tools) What they are...

Teaching Tools  
are the Considerations,  
Strategies, & **Methods**  
used before, during and  
after, the Teaching Event occurs.



# (Teaching Tools) What they are...

## Objective

Finding the most effective means of communicating a Knowledge, Skill or Attitude with the greatest level of comprehension.

# Three Types of Learning

What are the Three Types of Learning?

1.

2.

3.

# The 'What' of Learning

Using the “Teaching Tools Sorted by Types of Learning” choose two Teaching Tools from each of the lists that are new to you, and that you will consider using in your classroom.

# ...engagement

Brain Rule: We only have about 30 seconds to get learners engaged....

Then...

we only get their attention for about 10 minutes, then, they need to be RE-engaged.

(Repeat to Remember; “Education”

<http://www.brainrules.net/brain-rules-video>) (2min.)

# Minute Paper

Name:

What part of this workshop stood out the most?

How will you apply it to your teaching?

(Time permitting, here is some 'creative' drumming...)

<http://www.wimp.com/wronggig/> (4:46)

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