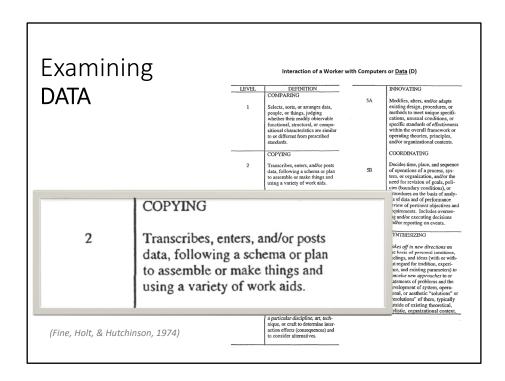
TASK ANALYSIS

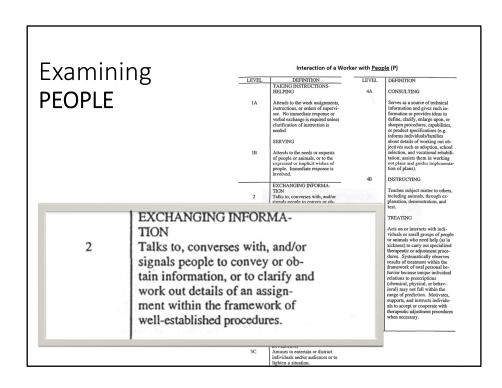
(Functional Job Task Analysis)

Presented by Dr. Bob Appelman appeldesign Consultancy

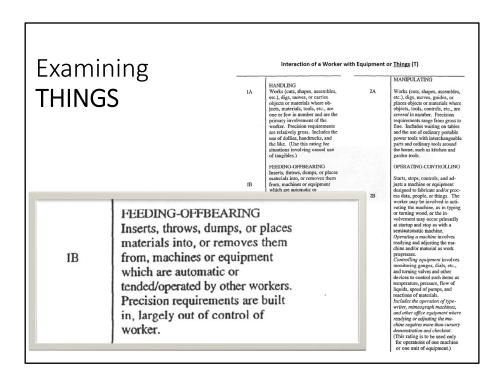
- So let's jump out of the realm of TEACHING and into the realm of TRAINING
- TRAINING is not very different except that the process takes place in THE REAL WORLD and not in an ACADEMIC ENVIRONMENT
- In the REAL WORLD the emphasis is on DOING and not on just KNOWING
- In a BUSINESS, EVERYTHING that is "DONE" can be broken down into a series of TASKS, which is why knowing how to do a TASK ANALYSIS is so KEY, and why it is such a good skill to know.
- TASKS ARE TIED TO EACH JOB and usually DEFINE HOW THAT JOB IS DIFFERENT from any other JOB.
- The HUMAN RESOURCES DEPARTMENT of any business spends much of their time DEFINING each JOB in order to write JOB DESCRIPTIONGS
- Since a TASK ANALYSIS is designed to define ANY JOB it must be BROAD
- CLICK



- And as you can see it is bothe DETAILED & BROAD
- YET IT IS PRETTY SIMPLE
- These TASK DESCRIPTIONS are broken into 3 CATEGORIES
 - DATA PEOPLE THINGS
- YOU would use this SET OF DESCRIPTIONS to analyze the TASKS of ANYONE WORKING WITH A COMPUTER OR DATA
- NOTE that every CHUNK of DISCRIPTION IS NUMBERED into a HIERARCHY
- --READ #2 -
- CLICK



- The same is TRUE of a worker whose TASK INVOLVES INTERATIONS WITH PEOPLE
- -- READ #2 --
- CLICK



- And lastly, a WORKER who is INTERACTING WITH "THINGS"
 - There is a WHOLE WORLD OF "THINGS" but 1B SPECIFIES WHAT THE WORKER IS DOING WITH THAT "THING"
 - -- READ 1B --
- THESE DEFINITIONS are meant to be USED AS A REFERENCE to AID your decisions while using the NEXT CHART
- CLICK

	FLINICTIO	SNIAL TACK AN	LALVCIC
_	FUNCTION	<u>DNAL TASK AN</u>	IALYSIS
L	DATA	PEOPLE	THINGS
OFERALIONAL	D1- Comparing	P1A- Taking Instructions,	T1A- Handling
		Helping	T1B- FEEDING, Off-Bearing
		P1B- Serving	T1C- Tending
OFEN	D2- Copying	P2- Exchanging Information	T2A- Manipulating
			T2B- Operating, Controlling
			T2C- Driving, Controlling
┑	D3A-Computing	P3A- Coaching	T3A- Precision Working
!	D3B-Compiling	P3B- Persuading	T3B- Setting-Up
		P3C- Diverting	
	D4- Analyzing	P4A- Consulting	
		P4B- Instructing	
J		P4C- Treating	
SINAIEGIC	D5A- Innovating	P5- Supervising	
	D5B- Coordinating		
	D6- Synthesizing	P6- Negotiating	
		P7- Mentoring	

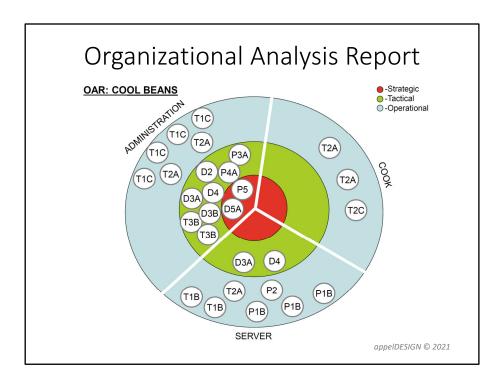
- This is the CHART that you PRIMARILY USE while ANALYZING THE TASKS of a WORKER
- As she or he DESCRIBES or DEMONSTRATES her JOB, YOU would be BREAKING IT DOWN INTO INDIVIDUAL SETS OF TASKS, and LLABELING THEM USING THE OPTIONS ON THE CHART
- NOTE THAT THE ROWS are DIVIDED into:
 - OPERATIONAL TACTICAL and STRATEGIC DECISION-MAKING which REFLECT ON THE IMPORTANCE of each TASK.
- CLICK

&	KEY TASKS & HOURS SPENT	EXPERIENCE (TIME ON TASK) (TRAINING)	DATA	PEOPLE	THINGS	Roles/Responsibilities (in PERCENTAGES)				COMMUNICATION FLOW		
						1 2		2 3		仚	Φ	Person
Barista						45% Barista	35% Server	20% Manager				
0	RECEIVE BEVERAGE ORDER FROM CUSTOMER	WAS A BARISTA FOR TWO YEARS AT ANOTHER		PB1		4.50				x	х	CUSTOMER
0	RECEIVE BEVERAGE	LOCATION		P2						Х	х	SERVER
	ORDER FROM SERVER				T1C							
0	SELECT APPROPRIATE	NO PRIOR								Х		SELF
	GLASSWARE OR TO-	EXPERIENCE			T2A							
	GO	AS A SERVER OR			T2B					Х		SELF
0	GATHER INGREDIENTS	MANAGER										
0	OPERATE ESPRESSO				T2A					Х		SELF
0	MACHINE											
0	OPEN CAN/BOTTLE									Х		SELF
	AND POUR IN CUP				T3A							
0	ADD COOL BEANS									Х		OWNER
	EMBELLISHMENTS			P1B								
0	DELIVER TO		D3A							Х		CUSTOMER
	CUSTOMER OR									l		/SERVER

- This is a COMPLETED TASK ANALYSIS FORM FOR ONE WORKER following the compiling of all the DATA GATHERED specifically for the JOB of a BARISTA
- NOTE ALL OF THE INFORMATION IT GATHERS
 - POINT OUT COLUMN HEADINGS
- Obviously this is a HUGE AMOUNT OF DATA, AND IT COMES AT YOU VERY FAST.
 - SO WE ALWAYS USE VIDEO FOR EACH INTERVIEW so that we do not LOOSE ANY INFORMATION.
- CLICK



- This is a FUNCTIONAL TASK ANLYSIS observation and interview of a WAITER (who is also the BARISTA)
- IN THIS CASE WE USED 3 CAMERAS TO CAPTURE ALL VIEWPOINTS,
 - --point out the 3 CAMERA ANGLES
- THIS TECHNIQUE ALLOWED US TO GATHER ALL OF THE NECESSARY INFORMATION IN THE SHORTEST AMOUNT OF TIME.
- --PLAY "TAKING THE ORDER, -- THEN ENTERING DATA, --ROLLING THE UTENSILS
- CLICK



- The RESULTING REPORT included not only the COMPLETED ANALYSIS FORM for each WORKER,
- But also DISPLAYED ALL OF THE TASKS being attended to within the WHOLE ORGANIZATION.
 - (I ONLY DISPLAYED THE TASKS BEING ACCOMPLISHED, BUT COULD ALSO HAVE INDICATED WHICH EMPLOYEE WAS DOING EACH TASK)
- BUT WHAT DOES THIS ALL HAVE TO DO WITH YOU???
 - SEEU can TEACH students how to do a Functional Task Analysis
 - ... and then HAVE STUDENTS GO INTO TETOVO, SKOPJE, OR KUKES BUSINESSES AND PERFORM TASK ANALYSES FOR THEM
 - (as PART OF THE CLASS or as INTERNSHIPS)
 - I'VE DONE THIS WITH TWO UNIVERSITIES SO FAR AND IT HAS BEEN WELL RECEIVED BY ALL INVOLVED

TASK ANALYSIS

(Functional Job Task Analysis)

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 SO THAT'S ALL I HAVE ON THAT FOR NOW SO I CAN OPEN UP FOR QUESTIONS ON EITHER TASK ANALYSIS OR GAME MECHANICS AND TEACHING