The Four Step Method

1. Step: Preparation of student



2. Step: Demonstration and explanation



3. Step: Student activity



4. Step: Exercising and strengthening



1.Step: Preparation of Student





- → motivate
- → show the objectives and tasks
- evaluate the knowledge
- familiarize with the workingplace
- give advices concerning safety

2.Step: Demonstration and Explanation



- place the student so that he is standing in the same direction to the workpiece than you.
- demonstrate the <u>whole</u> procedure in original time.
- in case of complicate procedures devide them into modules and teach them step by step.
- repeat the demonstration and make the single steps visible.
- say <u>what</u> you are doing, <u>how</u> and <u>why</u> you are doing it in that way.
- give the opportunity to ask questions.

3. Step: Student Activity



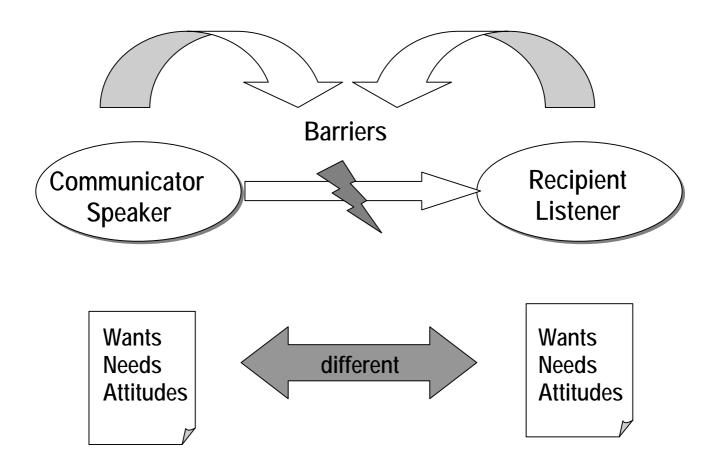
- → enhance the student to try it on his/her own.
- → don't interrupt the student in his/her first attempts.
- → make comments on serious mistakes.
- precision is more important than speed.
- → let the student say what he/she is doing, how and why.

4. Step: Exercising and Strengthening



- → give enough time to exercise.
- → acknowledge progress.
- control that no mistakes are done during exercising.
- → change conditions of exercising.
- slowy adapt to real working conditions.

TWO-WAY COMMUNCATION



- Maintaining eye contact
- Listening to what the other person is saying
- Mirroring body language

The **three rules** that govern good communication are all **associated with clarity**:



- Be clear in your own mind about what you want to say
- Deliver the message properly
- Ensure that the message has been correctly understood

Good communication means saying what you mean – and fully comprehending any feedback.

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Type of Listening



EMPATHIZING

Drawing out the speaker and getting information in a supportive, helpful way.

ANALYZING

Seeking concrete information and trying to disentangle fact from emotion.

SYNTHESIZING

Proactively guiding the exchange towards an objective.

GIVING FEEDBACK



- Show an understanding of exactly what went wrong and why.
- Draw out ways in which poor performance or behaviour can improve.
- Use questioning to let the staff member know what you think and why.
- Aim to express your negative opinions honestly, but in a positive manner.
- Above all, take negative feedback away from the emotional zone by being objective, not personal.



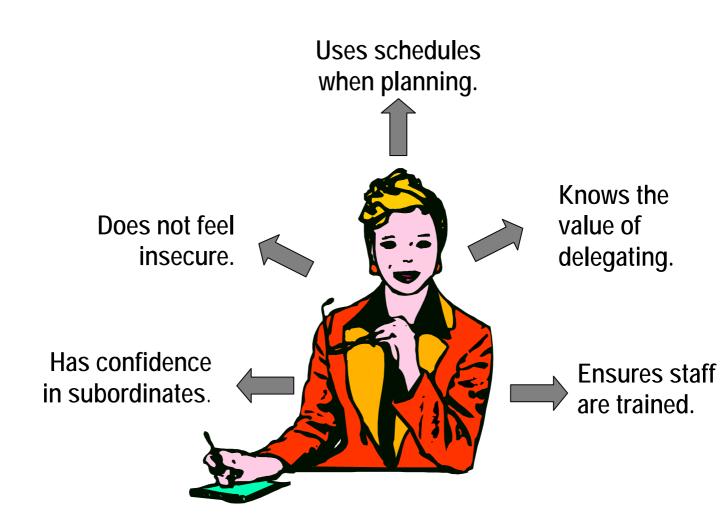
Am I devoting enough time and resources to strategic planning and overall monitoring?
Is my desk overflowing with uncompleted tasks?
Am I delegating routine but necessary tasks to staff?
Is staff training given priority to ensure effective skills for future delegation plans?



Can I learn from the way my own boss delegates to me?
Why should it upset me if a subordinate performs part of my job brilliantly?
How much spare work capacity is there in my unit?



Is the task suitable for delegation?
Is the delegate competent to perform the task?
Will I brief them fully and correctly?
Will I give them all the right backup, authority, and resources?
How much spare work capacity is there in my unit?



THE EFFECTIVE DELEGATOR

Keep always in mind

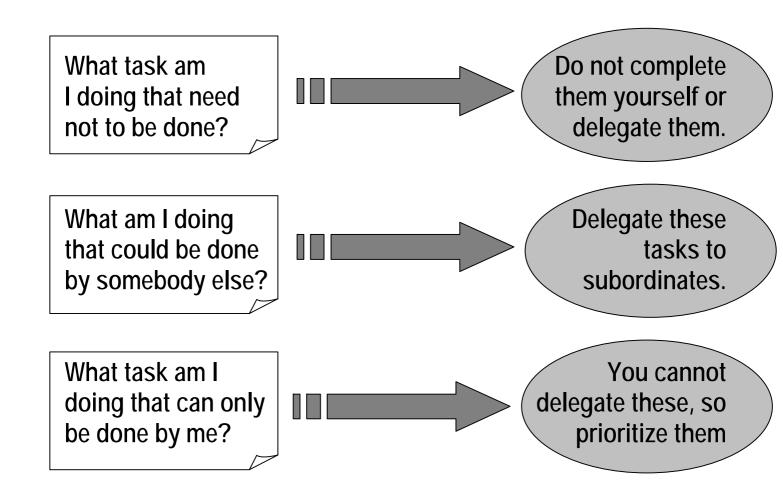


Repetition of the same error is inexcusable, since it shows failure to learn from mistakes

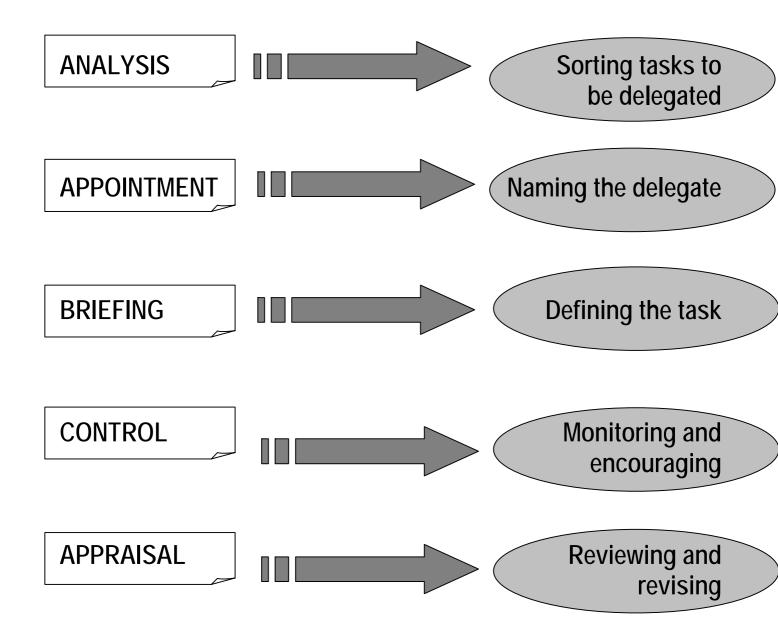
Selecting tasks

- 1. Keep a detailed time log (2 weeks)
- 2. Note all activities (tasks)
- 3. Note the time they take
- 4. Divide the tasks in 3 groups





Planning a structure



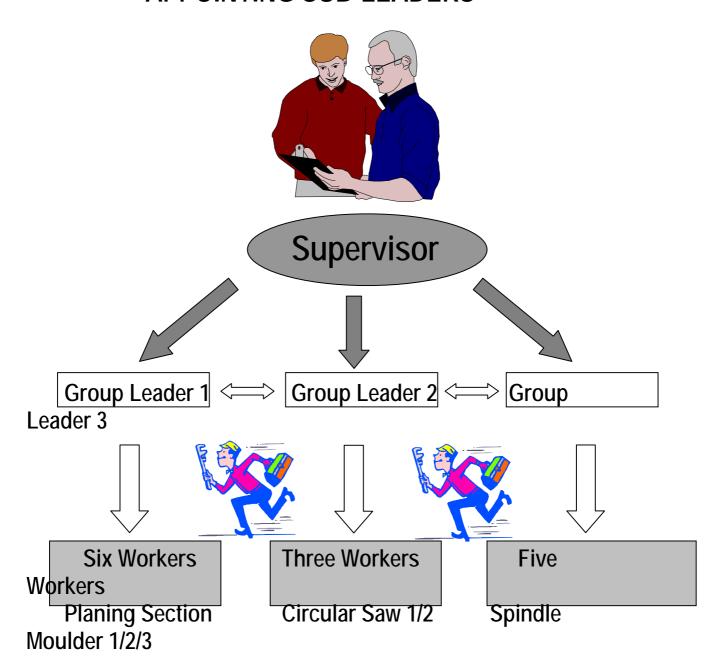
Checklist for avoiding dublication

KEY						
ACTIVITIES						
No. 01						
No. 02						
No. 03						
No. 04						
No. 05						
No. 06						
No. 07						
No. 08						
No. 09						
	Peter	John	Mary	Dodong	June	Name 6
	Na	mes of the	se with d	elegated re		ies

Prepared by Eng'r S. Schacknat

Transparency 13

APPOINTING SUB-LEADERS



Things to do for a good briefing



Keep objectives as clear and concise as possible.
Build a certain amount of flexibility into the brief.
Base the objectives on requires outcomes.
Make a checklist to avoid overlaps and omissions.
Ensure that the delegate is fully aware of the aims.
Allow the delegate to comment on the brief.

Structuring a brief

OBJECTIVES

Defines the task, listing the major objectives and sub-objectives in clear and concise language.

RESOURCES

Specifies what personnel, finance, and facilities are available or need to be obtained.

TIMESCALE

Sets out the schedule with review points, stage completion dates, and final deadlines.

METHOD

Describes procedures, as agreed with the delegate, and summarizes the key points.

LEVELS OF AUTHORITY

Specifies the range of the delegate's authority and to whom they will report.

DO'S and DONT'S in Delegating

DO'S

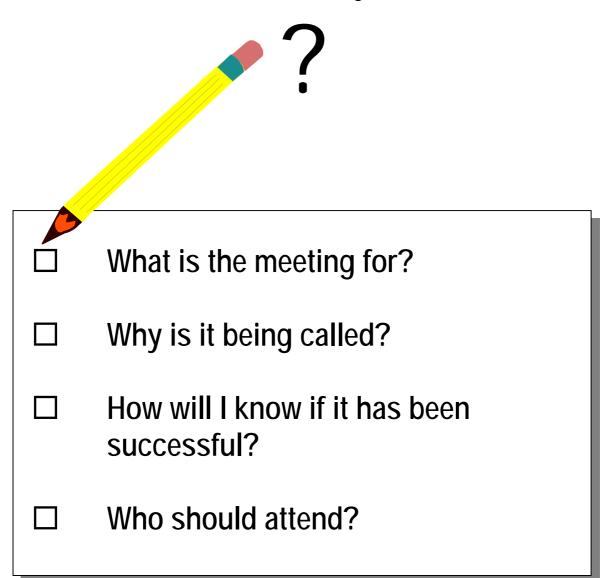
- Do encourage all delegates to make their own decisions.
- Do move from hands-on to hands-off as soon as possible.
- Do intervene when absolutely necessary, but only at that time.
- Do ask delegates if they feel thoroughly prepared for their task.

DONT'S

- Don't say or hint that you doubt the delegate's ability.
- Don't miss any stage in the briefing process.
- Don't place seniority above ability.
- Don't deny a delegate the chance to learn by interfering to much.
- Don't take back a task without a good reason.



Was I too hasty in making the appointment?
Is there somebody available who would do better?
How can I prevent this problem from recurring?
What would I do differently if I could start again?
What are the delegate's strength and weaknesses?



Workplace Motivators

MOTIVATORS

ACHIEVEMENT

The urge to achieve is a basic human drive. Is a great source of satisfaction.

RECOGNITION

Enhance self-esteem.

May be reviewed as a reward itself.

JOB INTEREST

Responsibilities should be matched to individuals' interest.

RESPONSIBILITY

Opportunity to exercise authority and self-direction.

ADVANCEMENT

Promotion, progress and rising rewards. Feeling that advancement is possible.

Management Styles

THEORY X

If I did not drive my people constantly,
they would not get on with their work.
I sometimes have to fire somebody or
tongue-lash them to encourage others.
Leaders have to lead by taking all key
decisions themselves.
I find that most people are unambitious
and must be forced to raise their sights.
I keep my distance from the team since it
is necessary for effective command.



Management Styles

THEORY Y

□ If somebody falls down on the job, I first ask myself what I did wrong.
 □ I should sometimes take a back seat at meetings and let others take the lead.
 □ If I ask someone for their opinion on an issue, I try to do as they suggest.
 □ People should appraise their bosses as well as be appraised by them.
 □ Anyone can have creative, innovative ideas if they are encouraged.



Keep always in mind



Establish a system that is constructive

- not obstructive -

in which people can hope to perform at their best.

Keep always in mind

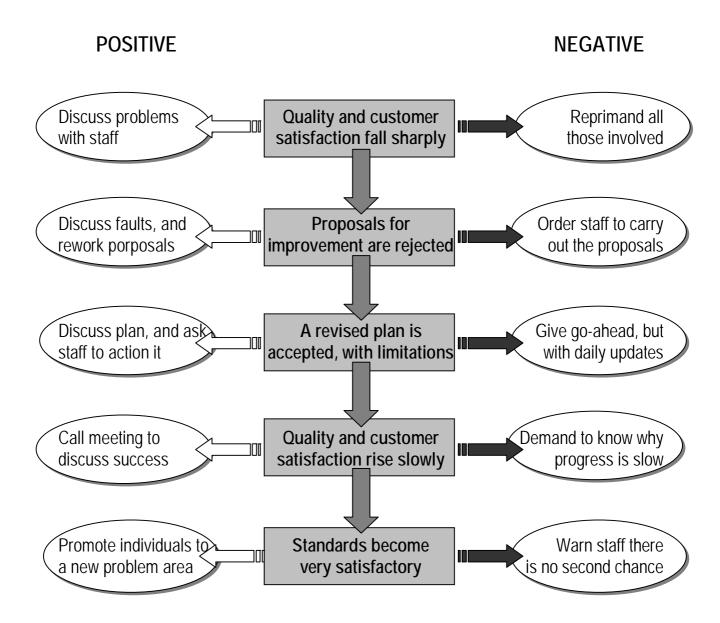


Repetition of the same error is inexcusable, since it shows failure to learn from mistakes



What precisely went wrong, when and where?
 What were the root causes of the failures?
 When were the deviations first signaled?
Why were the warning signals not acted upon?
What could have prevented the failures from occuring?

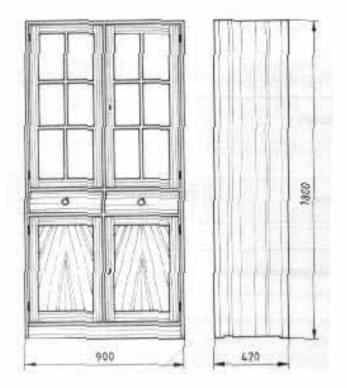
SOLVING PROBLEMS WITHOUT ATTRIBUTING BLAME



Disciplinary Action

- Set one-to-one Meeting
- Describe performance problems.
- Review past discussions.
- Ask for reasons for the situation.
- Listen openly to the employee's response.
- Indicate what kind of disciplinary action you must take.
- Explain why.
- Discuss and agree on ways to improve the workers performance.
- Set a follow-up appointment.
- Ask the employee to summarize the discussion.
- Indicate your confidence in the employee's ability to improve.

Composition of a Price



Solid timber: Mahagoni Finish: Matt Finish

Gross amount: 156,080.00 Pesos

Cost of Sales: 100% (122,800 Pesos)

Overhead costs

Overhead costs

Overhead costs

51,580 Pesos

42%

Production costs

31,920 Pesos

26%

Production costs

Material costs

39,300 Pesos

32%

Chipboard Solid timber Veneer Plywood Glue, screws Hinges Laquer, etc.

Production costs

31,920 Pesos

26%

Machine rates Operator rates

Overhead costs

cost

51,580 Pesos

42%

Taxes Insurances Administration

Rents Electricity Maintenance Repairs Depreciation Interest, etc.

Margin 13,540 Pesos 11% investments Rate to cover risks and for further

VAT tax 20,460 Pesos 15% Value added

PRICE

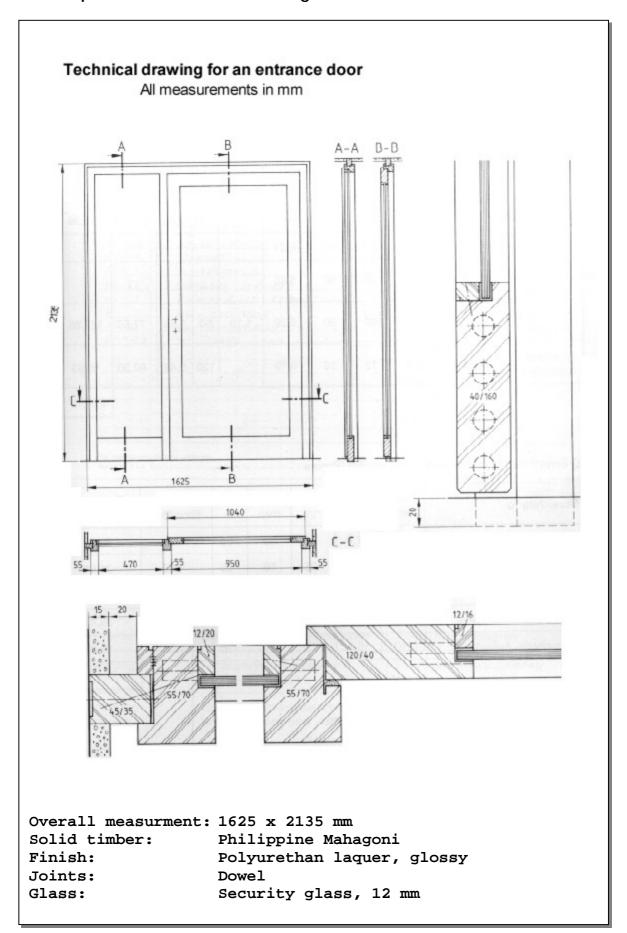
(Gross

SELLING

amount)

(0.

Example for a Technical Drawing



Form for a Cutting List

Part	Part Name	Material Used	Roug	h Dimer	sions	Fina	al Dimen	sions	No. of	Cost	Material
No.			Length	Width	Thickn.	Length			Pieces	/ Unit	Cost
									Total	Cost:	

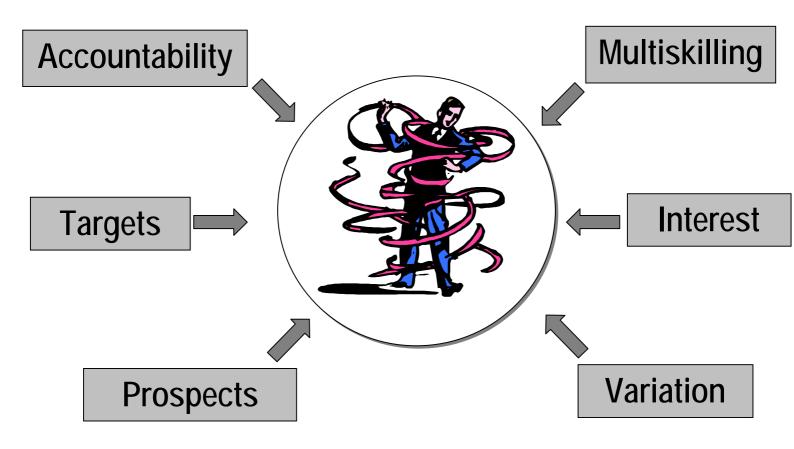
Form for a Routing Sheet

											-
Compa	ny Name							ORDER ID			
ROUTIN	NG SHEE	T FOR: (Part Name)									
CUSTOM	/ED		7		LENGTH	l ROUGH	1/EINIAI	1		1	- 1
ORDER I			┪		THICKN		1/1 11N/\L			 	J
ORDER (†		WIDTH					1	
MATERIA			†		WIDIII					i	
NO. OF F			7		DRAWIN	IG NO.					
Process No.	Equip- ment used	Process Description	Time (min)	Setup Time (min)	Jigma- king (min)	Worker ID	Date	Addit. Worker	Actual Time Needed	Qty. Bal.	Worker Sign.
1				,							
2											
3											
4											
5											
6										<u> </u>	
7											
8	+		+								
10											
11											
12											
13											
14											
15											
16											
17											
		TOTAL:	1		T	7				_	1
		TOTAL:									

Form for a Calculation Sheet

Company Name				ORDER ID	
PRECALCULATION SHEET		for Item:			
Customer:				Material:	
Adress:				Drawing No:	
				Quantity:	
Material Costs					
Material Overhead		%			
(Plus)		1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	I w . 5 .	1
Production Costs	Prod.	Mach.	Worker	Mach . Rate	
(Machine/Section)	(hrs.)	Rate	Rate	incl. Wages	
(Equals)					
Total Production Costs					
(Plus)		1			
Administration Overh.		%			
Sales Overheads		%			
Product Developm. Overh.		%			
(Equals)					
Total Costs					
(Plus)		7			
Mark up		%	(Total Cost / ((10	00 - Mark Up)*.01))	
(Equals)					T
Retail Price					
Profit		Peso			

CHARACTERISTICS OF A GOOD JOB



How to break down a working process

	Scheme	Scheme of a work analysis	
Workprocess:			
Tools required:			
No.:	Work Steps WHAT?	Explanation of process HOW?	Reasons WHY?
.10			
02.			
03.			
04.			
05.			
.90			
07.			
0.8			

Questions to ask your staff



Can I do anything to help you to perform better? Am I doing anything that hinders your performance? What do you see as your strengths and weaknesses? Have you any ideas about how you can improve yourself? How could your job or the system be improved?

Non-financial rewards

REWARD	FACTS TO CONSIDER
RECOGNITION Handwritten note, engraved trophy	Reward that is personal as well as being effective in both the short and the long term.
GIFTS AND PRIVILEGES Holidays, sports facilities, merchandise	Immediate, and stimulating in the short term. May not meet long-term motivational needs.
SPECIAL EVENTS Weekends away, parties, gatherings	Involve staff from all levels. Can stimulate, relax, bond, and motivate staff.
PROFESSIONAL TRAINING On- or off-site courses	Effective, focused training brings high returns. Company gains a qualified employee, who feels valued.
SELF-DEVELOPMENT Personal, non- vocational training	Very high motivational value. Enhancing self-image raises performance level at work.
EQUIPMENT Company car, lap-top	Expensive equipment is highly motivational. Need to ensure that equipment is fully utilized.

Financial rewards

REWARD	FACTS TO CONSIDER
SALARY INCREASES Increases in basic rate of pay	
COMMISSIONS AND BONUSES One-off payments linked to targets	
PERFORMANCE RELATED PAY Regular wage increases based on target-linked performance	
SHARES/STOCK OPTIONS Gifts of shares, or the chance to buy shares at a fraction of actual value	
SPECIAL RATES Help with mortgage/rent, insurance, and other items.	
FAMILY HEALTH BENEFITS Paid or subsidized schemes offering privat family health care	

How to make your production faster:



☐ Training of workers
☐ Better machines and equipment
☐ Use of jigs
☐ Identify bottleneck in the production
☐ Allocate materials for each order right in time
☐ Reduce set-up times

The idea of KAIZEN



- → "In its broadest sense, quality is anything that can be improved."
- → "There is <u>always</u> a better way."
- → "There is <u>no</u> acceptable best way."

The management should provide you with:



Technical drawing of the item (or a sample)
Specification of material, hardware and the quality standard (or a sample)
Quantity of items that should be produced
Machine rates for each machine in the workshop
Operator rates (if they are not included in the machine rates)
 Material prices

Determination of time



- → Define the different steps of work to be done in the correct order.
- → Fix the appropriate machines you want to use.
- → Determine the amount of work (number of pieces, m², etc.).
- Consider the time for the machine set-up.
- Compute the time for each working process based on your experience.
- → Add a percentage for transportation inside the workshop.