



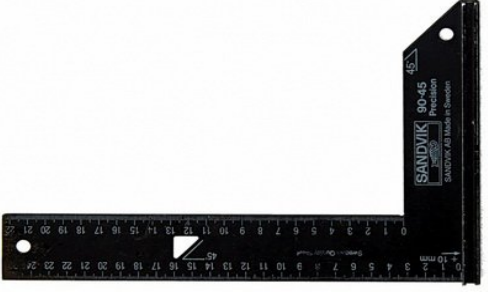


Just Imagine... Technology!

Chapter 1

English	description	Dutch	page
appliance		apparaat, toepassing	9
arms		wapens	2
arrow		pijl	8
bench vice		werkbankklem	12
cutting pliers		(zij)kniptang	4
design to~ design		ontwerpen, ontwerp	2
draw to~		tekenen	6

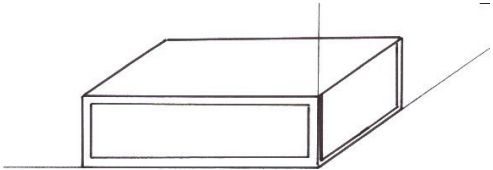
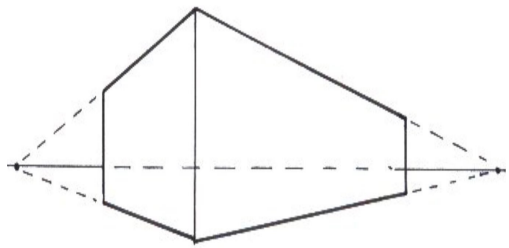
English	description	Dutch	page
drill bit		boortje	10
estimate to~		schatten	9
flat-nose pliers		platbektang	8
flexible steel rule		rolmaat	12
folding rule		duimstok	4
invent to~		uitvinden	9
jigsaw machine	tool for sawing curved shapes	figuurzaagmachine	7
level-crossing	crossing of roads at the same level	spoorwegovergang	1
measure to~		meten	9
pillar drill(ling machine)		kolomboormachine	7
plywood	glued layers of wood	multiplex (hout)	10
pollution		vervuiling	2
profession		beroep	2
research		onderzoek	6
riveter		blindklinktang	12
round-nose pliers		rondbektang	8
safety glasses		veiligheidsbril	7
sanding machine		schuurmachine	7
sketch	free-hand drawing	schets	9

English	description	Dutch	page
sketch	freehand drawing	schets	9
soldering iron		soldeerbout	11
square, try-square		schrijfhaak	11
stapler		nietmachine	12
vice		klem	10
watch		horloge	1

You Start with a Sketch



Chapter 2

English	description	Dutch	page
base lines	lines indicating length, width and height	basislijnen	16
centre line	line in the middle of a symmetrical form	hartlijn	16
construction line design, to ~	(thin) help line	hulplijn	16
frame		ontwerpen	
grid paper		vierhoek om figuur	14
isometric	way of technical drawing	rasterpapier	16
lateral line	one of the base lines	isometrisch	13
		breedte-as	



English	description	Dutch	page
longitudinal line	one of the base lines	lengte-as	
node	line, indicating the thickness	diktlijn	14
oblique projection	projection method, used in Maths	scheve projectie	17
			
off-set line	line, connecting the ends of the nodes	verschoven achterlijn	14
perspective drawing	projection method, used in Arts	perspectief (tekening)	18
			
projection	image of an object on a plane (paper)	projectie	
section	part of a chapter	paragraaf	
segment	part of a line	lijstuk	15
thickness		dikte	14

Measure and Manage

Chapter 3

English	description	Dutch	page
alternating voltage		wisselspanning	28
Ampère	unit of current intensity	Ampère	23
current (intensity)		stroom(sterkte)	23
data		gegevens	19
dB(A)	unit of sound level	decibel	26
direct voltage		gelijkspanning	28
electric circuit		elektrische schakeling	29
flexible steel rule	see also 'tape measure'	rolmaat	22
folding rule(r)		duimstok	21
force		kracht	24
hour glass	ancient instrument to measure time	zandloper	25
letter balance	instrument for weighing letters	brievenweger	24
			
mains	230V electricity grid	elecriciteitsnet	28


English	description	Dutch	page
mass	the quantity that <i>causes</i> weight, if there is gravity	massa	27
meter	instrument you can measure with	meter	21
metre	unit of length and distance	meter (m)	22
micrometer	instrument to measure length very accurately	micrometer, schroefmaat	27
			
quantity (variable)~	examples: length, weight, temperature etc.	grootheid	20
reading off		aflezen	20
resistance	makes it more difficult to flow through	weerstand (elektrische -)	23
resistor	appliance with resistance	weerstand	23
			
scales	instrument to weigh yourself	weegschaal	21
			
sliding callipers	instrument for precise length measuring	schuifmaat	21, 22 30

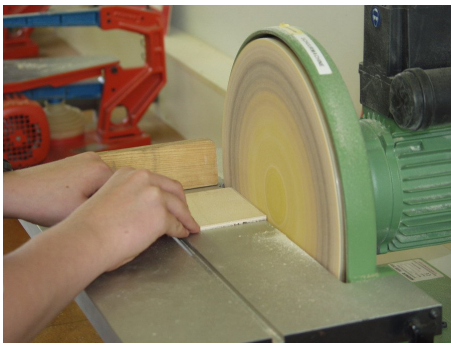
English	description	Dutch	page
Sound Level Meter		geluidssterktemeter	21, 26
speed	another term for velocity	snelheid	25
spirit level		waterpas	24
spring balance		veerunster	21
steel ruler		stalen liniaal	22
stopwatch	accurate kind of watch especially for measuring time	chronometer, stopwatch	21, 27
switch		schakelaar	29
tape measure	instrument to measure length. Made of fabric or plastic. Flexible steel rules sometimes are called also (steel) tape measures.	meetlint	22
thermometer	instrument to measure temperature	thermometer	27
threshold		drempel	32
unit	a standard measure	eenheid	20
universal test meter, multimeter	instrument to measure various electrical quantities	multimeter, universeelmeter	23

English	description	Dutch	page
value	the number in a measurement	maatgetal	26
volt meter		spanningsmeter	21
voltage		spanning (elektrische ~)	23
Voltage Check	instrument that indicates voltage	spanningstester	23
			
width		breedte	22

Who Is Afraid of the Big Pillar Drilling Machine?

Chapter 4

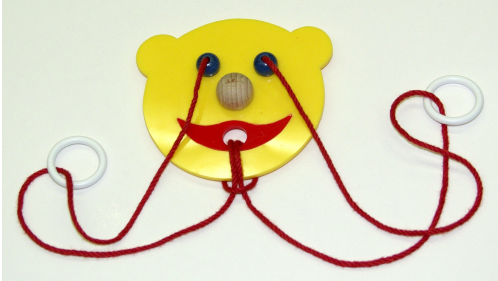
English	description	Dutch	page
adhesive tape		plakband	39
bend line		buiglijn	40
burr	rough edge resulting from drilling or sawing	braam	38
chuck		boorkop	37
diary clip		agendaklem	36
emergency button	stops all the connected machines	noodstop-schakelaar	34
Factories Act	Law on safety and health	Arbeidsomstandigheden wet (Arbo-wet)	35
jigsaw machine	the machine is also called a fret saw .	figuurzaagmachine	38
manual		gebruiksaanwijzing	37
mark off, to ~		aftekenen	37
pillar drilling machine		kolomboormachine	37
product information sheet		gebruiksaanwijzing	43
requirements		eisen	41

English	description	Dutch	page
resistance wire, heating wire	the part of a strip heater which gets hot by electricity	weerstanddraad	40
safety goggles	to wear over your glasses	veiligheidsbril	34
sand down, to ~	sand material off to its correct measure	afschuren	39
sanding machine	picture: frontal disk sanding machine	schuurmachine	39
			
shortcut, electric~	an extreme high electrical current caused by connecting the poles of a voltage supply without enough resistance.	kortsluiting	40
strip heater		kunststofbuiger	40
thermoplastic	plastic that grows soft when it is heated	thermoplast	40
vice		machineklem	34
workpiece	this name refers to a hardware product which is actually made by you.	werkstuk	34

Well Begun Is Half Done

Chapter

5

English	description	Dutch	page
arguments	reasons for an opinion	argumenten	45
assemble, to ~	build up a product from parts	samenbouwen, opbouwen	50
bead		kraal	50
cork		kurk	45
fasten, to ~		vastmaken	50
glueing		het lijmen	53
PMMA	Polymetametacrylate, a thermoplastic. Also called Perspex	Aclylaat	53
PS	Polystyrene, a thermoplastic	Polystyreen	53
re-use, to ~	use the whole product again	hergebruiken	54
recycle, to ~	use the <i>materials</i> from a product again	recyclen	54
rope puzzle		touwpuzzel	46
trainers, pair of ~		paar sportschoenen	45
transfer, to ~		overbrengen	50

English	description	Dutch	page
waste-material	material that will be thrown away	afval	47

Technology Is Man's Handwork

Chapter 6

English	description	Dutch	page
information guide	booklet with information about the school	informatiegids	55
malleable		vervormbaar	61
number of revolutions	spinning speed (revolutions per second).	toerental	60
occupation	job	beroep	56
profession	job (usually after higher education)	beroep	56
summary		samenvatting	58
synthetic materials	most of them are plastics	kunststoffen	61
technical profession	profession in which one makes or designs technical products		56
Would you fancy...		Lijkt het je aantrekkelijk...	55

Room for notes