

List of Existing equipment - AV Section

Items	Manufacture	Model	Q'ty	Country of Origin	Year of Purchase	Operating condition		
Equipment for Video shooting & editing							Not working	
1	3-CCD S-VHS video camera cam corder	JVC	KY-15/H15, BR-S410E	2	Japan	Approx 1988	Not working	No spare parts available (battery, delay line)
2	Editing recorder	JVC	BR-S801E	1	Japan	Approx 1988	Partly working	
3	S-VHS video cassette recorder	JVC	BR-S610E	1	Japan	Approx 1988	Working	
4	Y/C Digital effects generator	JVC	KM-D600	1	Japan	Approx 1988	Partly working	
5	Editing control unit	JVC	RM-86U	1	Japan	Approx 1988	Working	
6	Character generator	JVC	JX-T88	1	Japan	Approx 1988	Working	
7	Color video monitor	JVC	TM-10E	1	Japan	Approx 1988	Working	
8	Sound reinforcement speakers	Yamaha	S4115H2	2	Japan	Approx 1988	Working	
9	Cassette duplicator	Sony	CCP-13A	1	Japan	Approx 1988	Working	
10	Head phone	Koss	Pro4plus	1	Japan	Approx 1988	Working	
Equipment for Satellite TV								
11	VHS video deck	Hitachi	VT-168EM	1	Japan	Approx 1992	Partly working	For satellite receiving, Head is broken
12	Decoder/satellite receiver			3		1999	Working	
13	Modulator			3		1999	Working	
14	TV distribution amplifier			1		1999	Working	
15	UPS			1		1999	Working	
Equipment for Loan								
16	VHS video deck	Aiwa	HV-MX15HR	1	Malaysia	Approx 1998	Not working	
17	VHS video deck	Aiwa	HV-MX15HR	1	Malaysia	Approx 1998	Not working	Spare parts
18	VHS video deck	National	NV-G500EM	2	Japan	Approx 1992	Partly working	only 1 unit is usable
19	VHS video deck	Sharp	VC-VA550	3		2002	Working	
20	Digital video camera (miniDV)	Sony	DCR-TR30E	1	Japan	2001	Working	
21	Stereo audio cassette corder	Sony	TC-D5PRO	1	Japan	Approx 1992	Partly working	No microphone
22	Public address amplifier	Rapar	nil	1	Japan	Approx 1988	Working	
23	Portable public address amplifier	National	WX800AC	1	Japan		Not working	
24	Portable public address amplifier	TOA	WA-641	1	Japan	2002	Working	
25	Slide projector	Beil & Howell	PM830	1			Partly working	
26	Slide projector	Rollie	P-37A	1	Singapore	Approx 1992	Working	
27	Carousel slide projector	Kodak	S-AV100	1	Germany	Approx 1992	Working	
28	Diversity wireless receiver	National	WX-960X	1	Japan	Approx 1992	Working	No use
29	OHP	3M		2			Working	
30	16mm projector			3		late 1980's	Working	No use
31	Power mixer	Yamaha	EMX2150	1	Japan	Approx 1992	Working	
32	Mixer 6 channels	TEAC Corp	M06ST	1	Japan		Working	
33	Column speakers	National	WS-9##N	4	Japan	Approx 1988	Partly Working	only 2 units are usable
34	Personal computer	Compaq		1			Working	
Equipment for Repairing & service works								
35	Oscilloscope	BNE Electronics Pty Ltd.	539D	1	Australia		Working	
36	Frequency counter	Schlumberger	SM-4120	1	Germany		Working	
37	AC tester			1			Working	
38	Soldering iron			1			Working	個人のもの
39	Multimeter			1			Working	個人のもの
40	Air compressor			1			Working	

List of Existing equipment - Library

(no includes furniture)

	Items	Manufacture	Model	Q'ty	Country of Origin	Year of Purchase	Operating condition
1	Photocopier	Pitney Bowes	9056	1	USA	1995	Working
2	Photocopier	Pitney Bowes	9327	1	USA	1995	Working
3	Computer monitor for book search system	Philips	A3km088	10	China	2000	Working
4	Computer	Compaq		9	China	2000	Working
5	Computer monitor	KTX	CAE565sgc	5	Taiwan	1999	Working
6	Computer	Compaq	Prolinear 57	5	Taiwan	1995	Working
7	Lazer printer	HP	9327	1	Singapore	1999	Working

List of Existing equipment - Printing Section

	Items	Manufacture	Model	Q'ty	Country of Origin	Year of Purchase	Operating condition
1	Manual Guillotine	Einmanbedienung		1	German	1980	Not working
2	Power Stapler	Rapid Isaberg		1	German	1970	Not working
3	Offset Press	Am International	Am Multi 1250	1	Australia	1980	Not working
4	Offset Press	Ryobi	3200 CD	1	Japan	1992	Working
5	Plate Maker	Rico		1	Japan	1980	Not working
6	Electrostatic Platemaker	Iwatsu Electric	Elefax PM-55	1	Japan	2002	Working
7	Photocopier	Pitney Bowes	9070	1	USA	1995	Waiting for spare parts, Partly working

The University of Goroka
 Faculty of Education
 Department of Curriculum & Teaching
AUDIO VISUAL INVENTORY RECORD

No.	Name of Item	No. in Stock	Model No.	Serial No.	Working Condition	Comments/Location
1	Video Camera	2				
	* Sharp Video Camera		VL-AX1E	201311121	Excellent	Brand new digital view cam.
	* Panasonic Video Camera		NV-AM40	G4HB00012	Normal	Battery not working/working with power supply only
	* Power Supply	1	VX-AM10A	C400156YD	Excellent	
2	Television	3				
	* Sharp Television		CX48D3	5882	Excellent	AV Room
	* National Color Television		TC-AL2600(N)	ED6340027	Excellent	Part No# TBM27241
	* Sharp Television		20A2-S	F002519766	Excellent	In Mr. Runiolo's house
3	Video Players	2				
	* Sharp Video Players		VC-SA550	[A]002715828	Excellent	AV Room
	* Panasonic Video Player		NV-G45A	F8KK00630	Not working	Needs fixing
4	Sony Radio CassetteRecorder	1	CFS-717S	970137-00	Excellent	AV Room
5	Extension Cables	2			Excellent	1 in AV room and 1 in Mr. Runiolo's office
6	Hanimex Over Head Projectors	2	N467/25		Good	Currently used by the Department/Other under repair
7	Slik Video Camera Tripod	1	Slik 505QF		Good	AV Room
8	Power Guards	2			Good	1 in Mr. Runiolo's and 1 in Dr. Kukari's office
9	Power Adaptors	2			Good	1 in AV room and 1 in Mr. Runiolo's office
10	Electronic Stencil Cutter	1	RR2202S	833023990	Not working	Rex-rotary cutter transferred from Waigani
11	Duplicating Machines	2				
	* Stencil Duplicator		RE-380	614036	Excellent	Superfax international made in Japan
	* Stencil Duplicator		RE-380	614035	Not working	Needs fixing
12	eMac Computer	1	A1002	EMC No. 1903DHHS	Excellent	Brand new/Mr. Runiolo's office
				Code CH		
	* Keyboard	1	M7803	KY2200AZALZ7A	Excellent	Brand new/Mr. Runiolo's office
	* Mouse	1	M5769	EMC No. 1899	Excellent	Brand new/Mr. Runiolo's office
13	IBM Computer	1	572N	Product# KX-562NS	Excellent	Brand new/Mr. Palisa's office

* Keyboard	1	PIN: 90.00007.066	20433937 TCE1	Excellent	Brand new/Mr. Palisa's office
* Printer	1	hp desijet 845C	hp C 8934A	Excellent	Brand new/Mr. Palisa's office
* CPU	1	PIN: 95 C2619 701	21 400151 JJA1	Excellent	Brand new/Mr. Palisa's office
* Mouse	1	M-23	3892A051	Excellent	Brand new/Mr. Palisa's office



 MR. SPAMA RUNIALO

DEPARTMENT OF SCIENCE, AGRICULTURE AND HEALTH

BIOLOGY EQUIPMENT

	ITEM DESCRIPTION	SERIAL NO.	QTY IN STOCK	LOCATION	REMARKS
	MICROSCOPE				
1	Microscope Monocular (Kalnew) (TM)	683874	1	S 6	very old
2	" "	681846	1	"	"
3	" "	681759	1	"	"
4	" "	683978	1	"	"
5	" "	681809	1	"	"
6	" "	681753	1	"	"
7	" "	681817	1	"	"
8	" "	683904	1	"	"
9	" "	681777	1	"	"
10	" "	681798	1	"	"
11	" "	681834	1	"	"
12	" "	681757	1	"	"
13	" "	673472	1	"	"
14	" "	681807	1	"	"
15	" "	683877	1	"	Damaged
16	" "	6061	1	"	very old
17	" "	683806	1	"	"
18	" "	681828	1	"	"
19	" "	681779	1	"	"
20	" "	681776	1	"	"
21	" "	681836	1	"	"
22	" "	681821	1	"	"
23	" "	683879	1	"	"
24	" "	683903	1	"	"
25	" " (REICHERT AUSTRIA)	332371	1	"	good
26	" "	332373	1	"	"
27	" " (Sereo Orion)	2463	1	"	New
28	Microscope Monocular (Motic)	314209	1	S 6	PASTEP
29	" "	314161	1	"	"
30	" "	293312	1	"	"
31	" "	314214	1	"	"
32	" "	314278	1	"	"
33	" "	304156	1	"	"
34	" "	297901	1	"	"
35	" "	292700	1	"	"
36	" "	293735	1	"	"
37	" "	314068	1	"	"
38	" "	314208	1	"	"
39	" "	314167	1	"	"
40	" "	314184	1	"	"
41	" "	314175	1	"	"
42	" "	314170	1	"	"
43	" "	304155	1	"	"
44	" "	297912	1	"	"
45	" "	304191	1	"	"
46	" "	314163	1	"	"
47	" "	314200	1	"	"
48	" "	293734	1	"	"
49	" "	314205	1	"	"
50	" "	292603	1	"	"
51	" "	314164	1	"	"
52	" "	304183	1	"	"
53	" "	314166	1	"	"
54	" "	292606	1	"	"
55	" "	293910	1	"	"
56	" "	314213	1	"	"
57	" "	293315	1	"	"
58	Microscope Stereo/Dissecting (Kyowa)	680762	1	"	good
59	" "	680789	1	"	"
60	" "	680760	1	"	"
61	" "	680776	1	"	"
62	" "	680784	1	"	"
63	" "	680802	1	"	"
64	" "	680787	1	"	"
65	" "	680788	1	"	"
66	" "	680791	1	"	"
67	" "	680796	1	"	"
68	" "	680768	1	"	"
69	" "	680794	1	"	"

BIOLOGY EQUIPMENT

	ITEM DESCRIPTION	SERIAL NO.	QTY IN STOCK	LOCATION	REMARKS
70	" " " "	680759	1	"	"
71	" " " "	680790	1	"	parts missing
72	" " " "	680799	1	"	good
73	" " " "	680785	1	"	"
74	" " " "	680782	1	"	"
75	" " " "	680769	1	"	"
76	" " " "	680774	1	"	"
77	" LEITZ WETZLAR	720608	1	"	"
78	" ELECTRON COMPOUND	573044	1	"	"
79	Monocular (HSC)	653583	1	"	"
80	"	653172	1	"	"
81	"	653529	1	"	"
82	"	653577	1	"	"
83	"	563468	1	"	"
84	" (BIOS - Z)	653632	3	"	"
85	" (PRIOR)	78722	1	"	"
86	"	78720	1	"	"
87	"	79888	1	"	"
88	"	78719	1	"	"
89	"	25401	1	"	"
90	"	646241	1	"	"
91	" (HS)	646238	1	"	"
92	"	646237	1	"	"
93	"	646219	1	"	"
94	"	646292	1	"	"
95	"	646283	1	"	"
	GENERAL BIOLOGICAL EQUIPMENT	(一部ガラス器具類を含む)			
96	Refrigerator	A173243	1	S 6	New
97	Autoclave Portable	1850W	1	"	
98	Insects Trap metal cage portable		1	"	
99	Insects Trap wooden cage portable		1	"	
100	Display Cabinets wood & glass		2	"	
101	Overhead Projector		1	"	PASTEP
102	Dissecting Tray		23	S6	
103	Alcohol Burners		9	"	
104	Mortar & Pestles		5	"	
105	Evaporating Dish		14	"	
106	Spotting Tiles		20	"	
107	Microscope Lights		20	"	
108	Test tube racks		32	"	
109	Tripod stand		20	"	
110	Wire Guage		12	"	
111	Bunsen Burners		17	"	
112	Environmental Comparator & Colorimeter in box		1	"	
113	Soil Testing kit in box		1	"	
114	Barium sulphate soil testing outfit in box		1	"	
115	Drosophila dried Food, ready mixed in box		1	"	
116	Clinostat		2	"	out of order
117	Microbiology testing kit in box		1	"	
118	Potometer		1	"	out of order
119	The Whitlay Bay Smoke Cell in box		2	"	
120	Plant Culture kit in box		2	"	
121	Latex injection kit		1	"	
122	Plant Hormones kit		2	"	
123	Respirometer		3	"	
124	Stethoscope		5	"	
125	Live Nematode kit		1	"	
126	Clinometer in packet		2	"	
127	Microscope Slide Holders		10	"	
128	Thermometers		14	"	
	HUMAN SPECIMENS				
129	Human Osteology & Anatomy (Skeleton)		1	S 6	metal cage
130	Human Model		4	"	
131	Trachea & Oesophagus Model		1	"	
132	Kidney model		1	"	
133	Human Fetal Circulation model		1	"	
134	Human Hip Bone		1	"	
135	Human Scapula Bone		1	"	
136	Human Knee Join		1	"	
137	Human Elbow join		1	"	

BIOLOGY EQUIPMENT

	ITEM DESCRIPTION	SERIAL NO.	QTY IN STOCK	LOCATION	REMARKS
138	Human Eye Model glass		1	"	
139	Human male reproductive system model		1	"	
140	Ear model		1	"	
141	Teeth model		1	"	
142	Heart model		1	"	
143	Human model plastic		1	"	
	ANIMAL SPECIMENS				
144	Bat Embedded in perspex		1	S 6	
145	Chick Embryos Embedded "		1	"	
146	Pig Embryos		1	"	
147	Frog Embryology		1	"	
148	Dog skeleton Whole		1	"	
149	Pigeon skeleton in cage		1	"	
150	Lizard skeleton		1	"	
151	Bat skeleton on wooden base		1	"	
152	Rat skeleton in cage		1	"	
153	Rat Reproductive system (male & female)		1	"	
154	Fowl Life History of Chick		1	"	
155	Monkey skull		1	"	
156	Rat Digestive system in perspex		1	"	
157	Rat Dissection (general)		1	"	
158	Pigeon Digestive system (in preservative)		1	"	
159	Frog showing Arteries & Veins		1	"	
160	Frog Dissected (general)		2	"	
161	Fresh water Crayfish Dissected		1	"	
162	Sheep Brain		1	"	
163	Brains five types		1	"	
164	Locust Dissected		1	"	
165	Comparative anatomy of Locust & Frog		1	"	
166	Urogenital system Frog		2	"	
167	Comparative anatomy Embryos		1	"	
168	Frog Dissected in perspex		1	"	
169	Lumbricus dissected & embedded in perspex		2	"	
170	Rat Foetus in Uteri (uterus)		1	"	
171	Squid Embedded in perspex		1	"	
172	Frog Metamorphosis embedded in perspex		1	"	
173	Trout Embryology		1	"	
174	Trout Fish history		1	"	
175	Butterfly history embedded in perspex		1	"	
176	Cockroaches " " "		1	"	
177	Romalea giant Grasshopper embedded in perspex		1	"	
178	Grasshopper heads		3	"	
179	Grasshopper, Termite, Damselfly, etc.		1	"	
180	Apis Honey Bee embedded in perspex		1	"	
181	House Fly " " "		1	"	
182	Mosquito Life history in perspex		3	"	
183	Scypha embedded in perspex		1	"	
184	Planaria " " "		1	"	
185	Metridium " " "		1	"	
186	Asterias " " "		1	"	
187	Cray fish " " "		1	"	
188	Mollusc collection in perspex		1	"	
189	Aurelia embedded in perspex		1	"	
190	Land snail embedded in perspex		1	"	
	PLANT SPECIMENS				
191	Onion Germination		1	S 6	
192	Corn Germination		1	"	
193	Marrow Germination		1	"	
194	Pellia, Antheria, Archegonia, dev. Of Sporophytes		1	"	
195	Cord Moss		1	"	
196	Club Moss		1	"	
197	Fnaria		1	"	
198	Castor Oil germination		1	"	
199	Mushroom diff. stages of development		1	"	
200	Four Great Plant Groups		2	"	
201	Scots Fir diff. stages of development		1	"	
202	French Bean diff. stages of development		1	"	
203	Sunflower diff. stages of development		1	"	
204	Lima Bean germination in perspex		1	"	
205	Pea germination in perspex		1	"	

BIOLOGY EQUIPMENT

	ITEM DESCRIPTION	SERIAL NO.	QTY IN STOCK	LOCATION	REMARKS
206	Corn germination in perspex		1	"	
207	Gemmae cup, Antheridia, archegonia, Sporophyte, etc		1	"	
208	Fern embedded in perspex		1	"	
	GLASSWARE				
209	Separating funnels		2	S6	
210	Capillary Tubbing		6	"	
211-1	Bulb Pipettes 25ml		1	"	
211-2	" " 10ml		1	"	
211-3	" " 5ml		3	"	
211-4	" " 2ml		1	"	
211-5	Pipette graduated 25ml		2	"	
211-6	" " 10ml		2	"	
112	Stirring rods		3	"	
113	Petri dishes in box		1	"	
114	Specimen bottles in small box		2	"	
115	Retort stand		2	"	
116	Bossheads		2	"	
117	Clamps		2	"	
118	Measuring Cylinders				
119	Beakers				
120	Conical Flask				
	CHEMICALS	As at Year 2002			
121	Urea 500g		1	S 6	
122	Lactose 500g		1	"	
123	DL - Asparagine 100g		1	"	
124	Lycopodium powder 100g		1	"	
125	Lycopodium powder 100g		1	"	
126	Potassium hydroxide 450g		1	"	
127	Lanolin 500g		1	"	
128	Millon's reagent 500ml		2	"	
129	Paraffin/Mineral oil 900ml		1	"	
130	Cineole (Eucalyptol) 500ml		1	"	
131	Euparal essence 50ml		1	"	
132	Lacto - phenol 20ml plus 500ml = 520ml		2	"	
133	Polyvinyl lactophenol 100g		1	"	
134	Benzene 470ml		1	"	
135	p - Xylene 200ml + 900ml = 1100ml		2	"	
136	Cedarwood oil 500ml		1	"	
137	Toluene 250ml		1	"	
138	Schiff's reagent 500ml		1	"	
139	Oil of Cedar 100ml		1	"	
140	D.P.X. Mountant 100ml		1	"	
141	Canada balsam 500ml		1	"	
142	Black Ink 2 litres		2	"	
143	Clove oil U.S. P. 750ml		1	"	
144	Fine Sand 10g		1	"	
145	Methyl green 10g		4	"	
146	Phenythiocarmide 10g		1	"	
147	Crystal violet 10		1	"	
148	Toppln ichthammol ointment 50g		1	"	
149	Sulphaguanidine tablets 0.5mg		1	"	
150	Bacto - Peptone 114g		2	"	
151	Yeast 320g + 100 Tablets		2	"	
152	Brewer's Yeast 250g		2	"	
153	Blood Agar base 100 tablets		5	"	
154	Trypsin from Beef Pancreas 25g		2	"	
155	Mac Conkey Agar 100 tablets		5	"	
156	D (-) Fructose 200g		1	"	
157	Nutrient broth No. 2 100 tablets		2	"	
158	Nutrient Agar 500g + 100 tablets		2	"	
159	Agar 100g		3	"	
160	Antibiotic medium 3 (Bacto - Penassay broth 454g)		2	"	
162	Pyrogallol 450g		1	"	
163	Borax powder 250g		1	"	
164	Pepsin 250g		1	"	
165	Bacto - Agar 454g		1	"	
166	Corn flour 450g		1	"	
167	Peptone bacteriological 500g		1	"	
168	Alum 150g		1	"	

BIOLOGY EQUIPMENT

	ITEM DESCRIPTION	SERIAL NO.	QTY IN STOCK	LOCATION	REMARKS
169	Corn starch 500g		2	"	
170	Barium sulphate 500g		1	"	
171	Dowex 500g		2	"	
172	Wagstaffe barrow mixture 500g		1	"	
173	Benedicts reagent ready packed		3	"	
174	Dextrose powder 5g		2	"	
175	Starch 50g		1	"	
176	Calcium hydroxide 5g		3	"	
177	Citric acid 100g		1	"	
178	Calcium carbonate 100g		1	"	
179	Marble chips 100g		1	"	
180	Copper sulphate 150g		1	"	
181	Calcium chloride 5g		1	"	
182	Adenosine - 5 - triphosphoric acid5g		1	"	
183	Resazurine tablets		1	"	
184	Toluidine blue 10g		1	"	
185	Chloroquine tablets		1	"	
186	Strontium nitrate 1g		1	"	
187	Potassium chloride 1g		1	"	
188	L - Asparagine 1g		1	"	
189	Osmic acid 1g		1	"	
190	Potassium chloride sterilised solution		1	"	
191	Diastase of malt 1g		1	"	
192	Aceto carmine 5ml		1	"	
193	Iodine 100g		2	"	
194	Aniline blue 10g		2	"	
195	Clinotest tablets (100 tablets)		1 pkt	"	
196	Universal indicator 50ml		1	"	
197	Erythrosine B 10g		1	"	
198	Gentian violet 113g		1	"	
199	Methyl red 113		1	"	
200	Phenol red solution 500ml		1	"	
201	Janus green B 10g		1	"	
202	Haematin (natural black 1) 10g		1	"	
203	Cresol red 5g		1	"	
204	Bromothymol blue pure 25g		1	"	
205	Bromothymol blue 5g		1	"	
206	Bromothymol blue pH 2.8 - 4.6 yellow to blue 5g		1	"	
207	Bromothymol blue solution 100ml		1	"	
208	Bromothymol blue indicator pH 6.0 - 7.0 100ml		1	"	
209	Indole 3 acetic acid 1g		1	"	
210	Indole - 3 - YL Acetic acid 5g + 1g = 6g		2	"	
211	Phenol red 5g		2	"	
212	Phenolindo - 2 - 6 - Dichlorophenol 1g		1	"	
213	Thymol blue 5g		1	"	
214	Bromocresol green 5g		1	"	
	DYES OR STAIN	As at Year 2002			
215	Bismarck brown Y 10g		1	S 6	
216	Brilliant green 5g		1	"	
217	Carmine powder 10g		1	"	
218	Carmine solution 25ml		1	"	
219	Congo red		2	"	
220	Acid Fuchin 5g		1	"	
221	Eosin Bluish 6g + 10g		2	"	
222	Eosin red 1g		1	"	
223	Haematoxylin 1g		2	"	
224	Methyl blue 25g		1	"	
225	Methyl orange 10oz		1	"	
226	Methyl green		1	"	
227	Methyl violet 2B 10g		1	"	
228	Nigrosine 2g		1	"	
229	Pyrogallol red 1g		1	"	
230	Sudan 111 10g		1	"	
231	Tetrazolium salt 10g		1	"	

DEPARTMENT OF SCIENCE, AGRICULTURE AND HEALTH

CHEMISTRY EQUIPMENT

	ITEM DESCRIPTION	SERIAL NO.	QTY IN STOCK	LOCATION	REMARKS
1	Carbolite Muffle Furnace	8/93/1306	1	S 8	Good
2	Cenco Drying Oven	95076-17	1	S 8	Good
3	Refrigerator		1	S 8	
4	Desiccator glass		8	S 8	
5	Water Distillation Machine glass	574-042R	1	S 8	
6	Water Bath		1	S 8	Replacing
7	Hot plate, Magnetic Stirrer		1	S 8	very old
8	Centrifuge		2	S 8	Good
9	Mettler PC 440 Balance	171252564	1	S 8	Good
10	Mettler PC 1200 Balance	236033	1	S 8	Good
11	Mettler H7 Balance	383885	1	S 8	OK
12	Wooden Trolleys		2	S 8	
13	Student Cell Apparatus		8	S 8	
14	Empty Gas Cylinders		6	S 8	
15	Power Pack or Supply	LB 2633-001	10	S 8	
16	DC Voltmeters 0 - 500 V range		8	S 8	
17	AC Milliameters 0 - 500 A range		8	S 8	
18	Ammeters 0 - 500 A		8	S 8	
19	Ammeters		1	S 8	
20	Small Balances	Scout	3	S 8	New
21	Electronic Balance	7032	1	S 8	
22	Mettler Toledo Balance	SNR P27449	1	S 8	OK
23	PH meter	N930-7	1	S 8	Damaged

DEPARTMENT OF SCIENCE, AGRICULTURE AND HEALTH

INVENTORY OF PHYSICS EQUIPMENT- 2002

	ITEM DESCRIPTION	SERIAL NO.	QTY IN STOCK	LOCATION	REMARKS
1	Collision cart apparatus	ME - 9454	1	S 12	new
2	Projectile launcher	ME - 6800	2	S 12	new
3	Basic Calorimetry set		6	S 12	new
4	Spectrometer	M- -9268	1	S 12	new
5	Variable model Eye		1	S 12	new
6	Jordan Hill Colour Mixing Kit		1	S 12	new
7	Hydraulic Kit		1	S 12	new
8	Meteorologic Laser Optics Lab Set	45 - 600	1	S 12	new
9	Construction System (in a box)		1	S 12	new
10	Bell Jar with Bell/Buzzer		1	S 12	
11	Planer diode		2	S 12	
12	Maltese tube		1	S 12	
13	Swinging Wonder,newtonian demo.Patented		1	S 12	
14	Transistor Analyser		1	S 12	
15	Charles Law Gas Apparatus		1	S 12	
16	Horse Shoe Magnet		6	S 12	
17	Pairs of Bar Magnets		43	S 12	
18	Pairs of long Flat Magnets		2	S 12	
19	Lamp Holders single		48	S 12	
20	Dry Cell Holders 3 on a base		4	S 12	
21	Lamp Holders 3 in serles		5	S 12	
22	Pulleys in Boxes		6	S 12	
23	Interval Timer or Timecal Ringer		9	S 12	
24	Forcemeter, cylindrical 0 - 5 N		7	S 12	
25	Forcemeter, gram & Newton,0-1000g,0-10 N		12	S 12	
26	Forcemeter 0 - 100 gram		16	S 12	
27	Spring balance Newtons & Dynes		4	S 12	
28	Spring balance 0 - 27 oz & 0-2000g, 250 etc		18	S 12	
29	Aneroid Barometer		2	S 12	
30	Dry Cell Holders Single		26	S 12	
31	Student Spectrometer		1	S 12	new
32	Rain Gauge Plastic 0 - 150 mm		1	S 12	new
33	Metal Rods Wave Model		3	S 12	new
34	Capillary tubes (air pressure expt. Pappus.		3	S 12	
35	Manometer		3	S 12	
36	Kinnetic Model		1	S 12	
37	Pressure Pump		1	S 12	
38	Airtrack (perforated bars)		3	S 12	
39	Buoyancy Air/Vacuum Kit		1	S 12	
40	Phywe Pump Glass		10	S 12	
41	Triple Beam Balance		10	S 13	
42	Steam Boiler with gauge (copper vessel)		5	S 12	
43	Slinky Spring in Boxes		20	S 12	
44	Mirrors Large plain round		6	S 12	
45	Four sides rectangle Mirror		1	S 12	
46	Small rectangle plain Mirrors		25	S 12	
47	Concave M mirrors Large		8	S 12	
48	Convex Mirrors large		5	S 12	
49	Concave M mirrors small		13	S 12	
50	Convex Mirrors small		12	S 12	
51	Prisms		5	S 12	
52	Biconcave Lenses		45	S 12	
53	Biconvex Lenses		47	S 12	
54	Compasses small		11	S 12	
55	Compasses Large		10	S 12	
56	Stop Watches		15	S 12	
57	Hooks Law Set		1	S 12	
58	Glass Blocks Large		12	S 12	
59	Glass Blocks Small		6	S 12	
60	Lens Holders Wooden		35	S 12	
61	Solar Cell		4	S 12	
62	Solarex		4	S 12	
63	Heat Expansion apparatus in box		1	S 12	
64	Smock Chimney Model		1	S 12	
65	Dynamics Trolley		10	S 12	
66	Vernier Calliper		11	S 12	
67	Micrometers		6	S 12	
68	Syringe Plastic 100 ml capacity		2	S 12	
69	Screen Board with 7 holes wooden		9	S 12	
70	Screen Board with one holes wooden		5	S 12	
71	Core Metal Pairs		23	S 12	
72	Newton's Ring Apparatus in Box		1	S 12	

INVENTORY OF PHYSICS EQUIPMENT- 2002

	ITEM DESCRIPTION	SERIAL NO.	QTY IN STOCK	LOCATION	REMARKS
73	G' By Free Fall Apparatus in Box		3	S 12	
74	Gyroscope 40 - 200		1	S 12	
75	Spherometer, Student Form		6	S 12	
76	Cube Kit		10	S 12	
77	Metal Kit		7	S 12	
78	Double Adjustable Slit in Box		1	S 12	
79	Set of Coloured Filters in Box		1	S 12	
80	Laswer Diffraction Kit in Box		1	S 12	
81	Rain Gauge Plastic Cylinder		1	S 12	
82	Pressure Air Syringe		1	S 12	
83	Propellers in box		1	S 12	
84	Heat Expansion expt. Ball and Ring		20	S 12	
85	Bar and Gauge		30	S 12	
86	Cloud Apparatus		1	S 12	
87	Metal Cubes Set		1	S 12	
88	Carbon Rods in Box		4	S 12	
89	Thermal Conductivity of Metal Apparatus		1	S 12	
90	Bar Breaking Apparatus		2	S 12	
91	Compound Bar, Chromiumnickel Alloy & Invar		11	S 12	
92	Capillary tube. Apparatus		1	S 12	
93	Silva Explorer 111 Compass		1	S 12	new
94	Recta Walker Compass		1	S 12	
95	Magdeburg Hemispheres Pressure Cups		1	S 12	
96	Boyle's Law Apparatus (pressure pump)		1	S 12	
97	Bow Calliper or Engineers Calliper		29	S 12	
98	Bourdon - type Pressure Gauge		1	S 12	
99	Liquid level app. Nanometre		1	S 12	
100	Force Pump (pressure)		1	S 12	
101	Hares App. (pressure liquid)		1	S 12	
102	Major Magnet Alcomax		6	S 12	
103	Drawing Compass		10	S 12	
104	Triangle Plastic		5	S 12	
105	Protractor 20 in a Box		1 box	S 12	
106	Clamps Large		3	S 12	
107	Water Turbine Model (pump model)		1	S 12	
108	Pump Unit		2	S 12	
109	Glass Rods		10	S 12	
110	Air Puck		4	S 12	
111	Iron Fillings in Box		1	S 12	
112	Tuning Forks		42	S 12	
113	Wet & Dry Bulb Thermometer with handle		2	S 12	
114	Wet & Dry Bulb Thermometer		6	S 12	
115	Maximum and Minimum Thermometer		2	S 12	
116	Wind meter *		3	S 12	
117	Hydrometer		7	S 12	
118	Rubber Bang in Box various sizes		1 box	S 12	
119	Air Track Gliders		9	S 12	
120	Screen small plastic		1	S 12	
121	Springs different sizes in Box		1	S 12	
122	Thermometers 10 - 0 - 110 C		15	S 12	
123	Thermometer 0 - 240 C		1	S 12	
124	Thermometers 0 - 360 C		1	S 12	
125	Thermometer 10 - 0 - 110 C N filled		1	S 12	
126	Clinical Thermometers		2	S 12	
127	Hygrometers in Box		1	S 12	
128	Poster Solar System		1	S 11	
129	Poster Atomic Power		1	S 11	
130	Electro - Magnetic Induction Poster		1	S 11	
131	The Transformer Poster		1	S 11	
132	Solar Spectrum Poster		1	S 11	
133	Poster Nuclear Fission		1	S 11	
134	First Aid Kit a Box		1	S 12	
135	Colour Wheel		1	S 13	
136	Glass Measuring Cylinder 100 ml		22	S 13	
137	Plastic Measuring Cylinder 100 ml		2	S 13	
138	Plastic Measuring Cylinder 250 ml		7	S 13	
139	Beaker glass 1000 ml		1	S 13	
140	Beaker glass 600 ml		4	S 13	
141	Beaker glass 500 ml		1	S 12	
142	Conical Flask glass		2	S 13	
143	Manual hand vacuum Pump		1	S 12	
144	Meter Ruler		20	S 12	
145-1	Weights 10kg		3	S 13	

INVENTORY OF PHYSICS EQUIPMENT- 2002

	ITEM DESCRIPTION	SERIAL NO.	QTY IN STOCK	LOCATION	REMARKS
145-2	5kg		4	S 13	
145-3	2kg		3	S 13	
145-4	1kg		12	S 13	
145-5	500g		11	S 13	
145-6	200g		6	S 13	
145-7	100g		3	S 13	
145-8	50g		1 box	S 13	
145-9	20g		1 box	S 13	
145-1	5g		1 box	S 13	
145-1	Weight Kit in box		10 boxes	S 13	
145-1	Weight Stem Large		4	S 13	
145-1	Weight Stem small		1 box	S 13	
146	Brash Balls		1 box	S 13	
147	Brash, Aluminium and Lead Rods		1 box	S 13	
148	Brash, Aluminium and Lead Cubes		1 box	S 13	
149	Retort Stand		17	S 12	
150	Base		15	S 12	
151	Bossheads		41	S 12	
152	Clamps small		40	S 12	
153	Globe World Map		1	S 11	
154	Wall Clock		1	S 11	
155	Sieve 25 Um with base		1	S 12	
156	Heat Expt. On Base		12	S 12	
157	Aluminium Containers with cork lids		7	S 12	
158	Poster Friction		1	S 13	
159	Poster Mechanical terms		1	S 13	
160	Poster Weights		1	S 13	
161	Poster Newtons Second Law		1	S 13	
162	Poster Mirrors		1	S 13	
163	Poster Lenses		1	S 13	
164	Bathroom Scale		1	S 13	
165	Lab. Elevator		1	S 12	
			1	S 12	
	ELECTRICAL EQUIPMENT				
1	TV Screen Hitachi	Y4D002842	1	S 12	
2	TV Screen Integrity		1	S 12	
3	VCR	16141729	1	S 12	missing
4	Power Supplies 2 V - 12 V Capacity	W85F131	1	S 12	
5	Power Supplies 2 V - 12 V Capacity	W83L552	1	S 12	
6	Power Supplies 2 V - 12 V Capacity	W83L719	1	S 12	
7	Power Supplies 2 V - 12 V Capacity	W83L563	1	S 12	
8	Power Supplies 2 V - 12 V Capacity	W83L508	1	S 12	
9	Power Supplies 2 V - 12 V Capacity	W83L518	1	S 12	
10	Power Supplies 2 V - 12 V Capacity	W83L774	1	S 12	
11	Power Supplies 2 V - 12 V Capacity	CAT.2633-001	15	S 12	
12	Ripple Tank Generator Amplitude Adjustment 1 - 7		1	S 12	
13	50w Halogen Point Light Source		1	S 12	
14	Free Fall Timer Apparatus ME - 9202 C		4	S 12	
15	Resonance Tube		3	S 12	
16	Helium Neon - Laser		1	S 12	
17	Thermal Conductivity Apparatus set		1	S 12	
18	Steam Generator	Mod. TD 8558A	1	S 12	
19	Thermal Expansion Apparatus	Mod. TD 8558A	1	S 12	
20	Thermal Efficiency	Mod TD 8564-220	1	S 12	
21	Sonometer (no Coils) WA - 9611		3	S 12	
22	Oscilloscope	28699986	1	S 12	
23	Oscilloscope	10010274	1	S 12	
24	Oscilloscope	10010286	1	S 12	
25	Oscilloscope	10010314	1	S 12	
26	Photoelectric Head h/e Apparatus		1	S 12	
27	Optics and Alignment h/e Apparatus		1	S 12	
28	Overhead Projectors Hanimex	M. GLX - 1	2	S12 & S6	New
29	Overhead Projector	100934	1	S 13	Old
30	Overhead Projector Bell and Howell	A27667	1	S 15	Old
31	Overhead Projector 3M	755189	1	S 15	Old
32	Switches		22	S 12	
33	Battery Charger 12 V		1	S 12	Damaged
34	Geiger Counter W/GM Tube		1	S 12	New
35	LCD Digital Barometer	N19 b3954	1	S 12	New
36	Photo Developing Machine		3	S 12	
37	Rheostats		7	S 12	

INVENTORY OF PHYSICS EQUIPMENT- 2002

	ITEM DESCRIPTION	SERIAL NO.	QTY IN STOCK	LOCATION	REMARKS
38	Solenoid		20	S 12	
39	Model Motors		13	S 12	
40	Motor Kit		20	S 12	
41	Motor on Board		6	S 12	
42	3 Lamps in Series		6	S 12	
43	Heater (round)		1	S 12	
44	Mini Motors		2	S 12	
45	Vibration Generator		1	S 12	
46	Resistance Thermometer (platinum)		1	S 12	
47	Temperature Coefficient of Resistance		1	S 12	
48	Electro Magnet		10	S 12	
49	Propeller Thrust Unit		1	S 12	
50-1	Resister 150 Ohms		3	S 12	
50-2	Resister 12 Ohms		3	S 12	
50-3	Resister 0.8 Ohms		2	S 12	
50-4	Resister 2 Kilo Ohms		2	S 12	
50-5	Resister 13 Kilo Ohms		2	S 12	
50-6	Resister 120 A		1	S 12	
51	Calorimeter Probes or Electrodes		7	S 12	2 missing
52	Calorimeter Aluminium Containers		8	S 12	
53	Multimeter goerz mA (382)	F/69	1	S 12	
54	Low Tension unit (transformer)		1	S 12	S4680
55	Discharge Lamp Transformer		2	S 12	
56	Lamps in Metal Cage		4	S 12	
57	Oscilloscope	23490	1	S 12	Old
58	Multimeters		7	S 12	Old
59	Cassette Recorder	N 2205	1	S 12	Old
60	Vacuum Pump	A21042003	1	S 12	
61	Vacuum Pump Little Beaver	415888	2	S 12	Old
62	Vacuum Pump Hoover	18415	1	S 12	New
63	Ammeter capacity 1 - 10 A		22	S 12	New
64	Ammeter capacity 1 - 10 A		15	S 12	Old
65	Ammeter capacity 0 - 5 A		10	S 12	Old
66	Ammeter capacity 0 - 50 & 0 - 500 mA		6	S 12	Old
67	Ammeter capacity 500 - 0 - 500 UA		5	S 12	
68	Ammeter capacity 20 - 0 - 100 UA = 1000 Ohms		20	S 12	
69	Ammeter capacity 0 - 3 A		3	S 12	
70	Voltmeter capacity		20	S 12	New
71	Voltmeter capacity 0 - 15 & 0 - 300 V		3	S 12	
72	Voltmeter capacity 0 - 3, 0 - 15 & 0 - 300 V		11	S 12	
73	Voltmeter capacity 0 - 15 0 - 30 & 0 - 300 V		10	S 12	
74	Voltmeter capacity 0 - 5 & 0 - 15 V		5	S 12	
75	Voltmeter capacity 0 - 15 V		8	S 12	
76	Voltmeter capacity 35 - 0 - 35 mV		9	S 12	
77	Voltmeter capacity 0 - 5 & 0 - 15 V		5	S 12	
78	Voltmeter capacity 0 - 5 V		3	S 12	
79	Galvanometer small		5	S 12	
80	Circuit Experiment Board		20	S 12	
81	Galvanometer Large capacity 5 - 0 - 5		1	S 12	
82	Multimeter		9	S 12	
83	Ammeter 0 - 1 & 0 - 5		5	S 12	
84	Ammeter 0 - 50 mA, 0 - 500 mA & 5 A		3	S 12	
85	Voltmeter 0 - 1.5 V, 0 - 3, 0 - 30 V		1	S 12	
86	Sonometer Driver/Det Coils (7/1996)		3	S 12	
87	Stroboscope (Xenon) Light	1087109	1	S 12	
88	Mini Bake "n" Grill	M. BT 2500	1	S 12	
89	Mercury Vapour Light	OS - 9286	1	S 12	
90	Radioactivity GM Tube supply	W83M257	1	S 12	
91	Helium - Neon - Laser technowa		1	S 12	
92	Meteorologic Neon Laser	815 - 303	1	S 12	
93	Signal Generator		1	S 12	
94	Digital Scaler Timer	512.2314	1	S 12	
95	Joulemeter & Wattmeter	82.604	2	S 12	
96	Power Supply High Voltage	22.131	1	S 12	
97	Long Scale Galvanometer WPA EDSPOT	KN90	2	S 12	
98	Digitimer	W87L276	1	S 12	
99	Digitimer	W87L268	1	S 12	
100	35 V & 350 V Power Supply DC	W83G70	1	S 12	
101	Digitimer	W87L267	1	S 12	
102	Low Distortion Audio Generator	3010575	1	S 12	
103	Power Supply 1.5 - 1500 V, 0 - 15 & 0 - 5 V	86K264	1	S 12	
104	Netzpolung 29328 (elements)	3307	1	S 12	
105	Neon Stroboscope	cat. 74678-017	1	S 12	

INVENTORY OF PHYSICS EQUIPMENT- 2002

	ITEM DESCRIPTION	SERIAL NO.	QTY IN STOCK	LOCATION	REMARKS
106	L.T Power Supply DC,AC 5A Total Load		4	S 12	
107	L.T Variable Voltage Power Supply 5A		1	S 12	
108	Van De Graff with Belt "Generator"	cat.4140-001	1	S 12	
109	Ray Box in Sets		9	S 12	
200	Thurlby Digital Multimeter	B7813 (HA)	1	S 12	
201	Educational Electronics, Versatile Lab. Aid	EX 84167	1	S 12	
202	OP4 Recorder	136	1	S 12	
203	Nickel Cadmium-Consumer Battery Charger CH3/RX		2	S 12	
204	Induction Coil		2	S 12	
205	Four (4) Cycle Engine Model		1	S 12	
206	Large Batteries (Chloride General Performance Epp33		2	S 12	
207	Medium Batteries		2	S 12	
208	Small Batteries		2	S 12	
209	1/2 Batteries Demonstration		2	S 12	
300	Ray Box Sets Accessories		5	S 12	
301	Table Fan on stand		4	S 12	
302	Light Gate			S 12	
303	Optical Bench		4	S 12	
304	Spectrum Tubes in Cupboard			S 12	
305	Electrostatic Kit in Box		1	S 12	
306	Malvern Dual Purpose Gold Leaf Electroscope		1	S 12	
307	Buzzers		30	S 12	
308	Electronics Kit for Kids		20	s 12	
309	The Helios Plane Tarium		1	S 12	
400	Resistor on wooden base		19	S 12	
401	Diodes on wooden base		15	S 12	
402	Film Loop Projector	299236	1	S 12	
403	Film Loop Projector	260318	1	S 12	
404	Incubator Large	37744	1	S 12	
405	Driver/Detector Coils		1	S 12	
406	The Orbiter Planetarium		2	S 12	

The University of Goroka
Agriculture and Agricultural Education Section

Model Teaching Farm Stock Inventory

Date: 13th/02/03

Item No	Tools & Equipment	Quantity	Comments
1	Digging tools		
	Digging spades	47	new
	Digging forks	16	new
	Digging hoes	5	old
	Shovels	2	old
	Garden rakes	14	new
	Digging pick & mattocks	8	new & old
2	Cutting & hitting & sharpening tools		
	Bush Knives	2	worn out
	Grass knives	5	old
	Axe	1	handle broken
	Pruning sheers		new
	Carpenter saw	1	old
	Bowman saw	1	old
	Pruning saw	2	old
	Fencing wire strainer	1	good condition
	Bolt cuter	1	new
	Nail Hammer	1	new
	Trowel	1	new
	Sharpening file	1	worn out
	Metal clamp	1	old
3	Measuring tools/equipment		
	Alcohol Level	1	new
	Tape measure	1	old
	Lining rope	1	used one
	Salter scale	1	small -up to 25kg
	Mini weighing scales	4	new
	Measuring cylinders	3	new
4	Containers & machineries & other equipment		
	Watering cans	4	very old
	Copper boiler	1	old
	Mechanical rotovator	2	new
	Lawn Mower	1	new
	Wheel barrow	2	new
	Knapsack sprayers	5	old & new
5	Poultry equipment		
	Water troughs for Broilers	9	old
	Feed troughs	12	old
	Hurricane lamps	4	old

6	Bee farming equipment			
	Smokers	2	old	
	Leather gloves	2 pairs	old	
	Cap	2	old	
	Gum Boot	1 pair	old	
	Overall	2 pairs	old	
	Face seal		old	
	Honey harvester (electric)	1	old	
7	Furniture			
	Tables (office)	2	old	
	Tables (classroom)	6	old	
	Chairs (office)	2	old	
	Chairs (classroom)	16	old	
	Filing cabinet	2	old	
	Seed storage metal cupboard	1	old	
		1		

Note: Major tools & equipment that we use constantly for our practical purposes are indicated in bold

List of Existing equipment - Music Room, Dept. of Exp. Arts & Religious Education

Items	Manufacture	Model	Q'ty	Approx. age of equipment	Operating condition
1 Classical guitar	Yamaha		5	10 - 15 yrs	OK
2 Trumpet	Yamaha		2	10 - 15 yrs	1 in working cond.
3 Trombone	Yamaha		2	10 - 15 yrs	1 in working cond.
4 Clarinet	Yamaha		1	10 - 15 yrs	Not working
5 Xylophone	Suzuki		8	10 - 15 yrs	Some in working cond.
6 Drum kit	Pearl		1	10 - 15 yrs	Some problem
7 Digital Keyboard	Yamaha		1	10 - 15 yrs	OK
8 Piano			1	15 - 20 yrs	Not working
9 Bass guitar	Yamaha		1	10 - 15 yrs	OK
10 Electric guitar	Yamaha		1	10 - 15 yrs	OK
11 Bass Amp	Yamaha		1	10 - 15 yrs	OK
12 Guitar Amp	Peavey		1	10 - 15 yrs	OK
13 Mixer 16 channel	Peavy		1	10 - 15 yrs	Some problem

List of Existing equipment - Home Economics Section

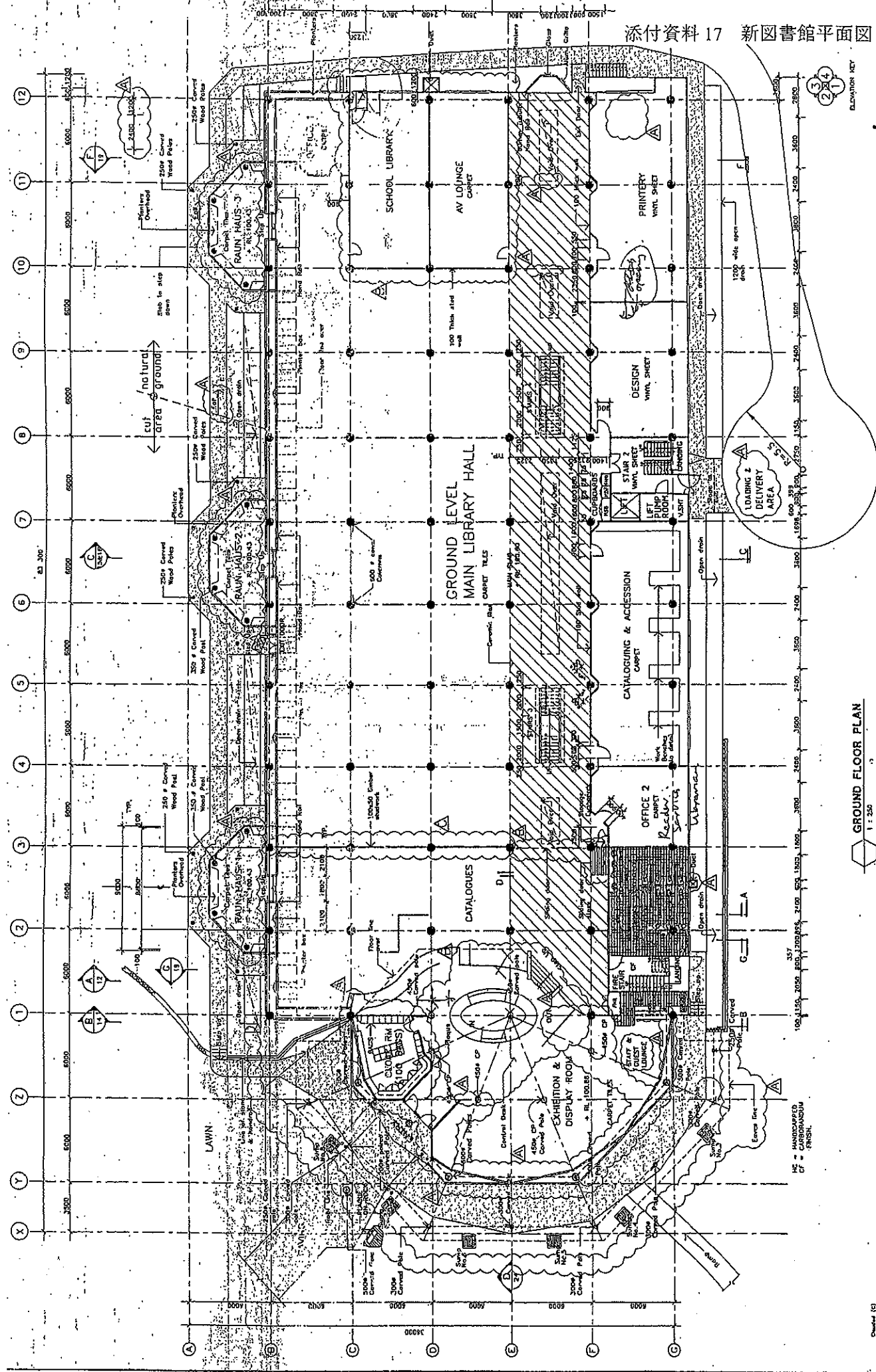
Items	Manufacture/Model, Descriptions	Q'ty	Year of Purchase	Operating condition
Food Laboratory				
1	STOVES: Electric, Large Household size. 4-burner stoves and oven. (2 New World, 1 Vulcan, 1 Chef)	3	1978	Temperature controls not effective for both top burners and oven. Interior linings chipped-off in places.
2	STOVES: Electric, Medium 2-Burner and oven. Quarter size of the above.	2	1974	Good
3	STOVES: Gas, Large Household size 4-burner stoves and oven.	4	1980	Good
4	STOVES: Gas, Large Household size, 4 Burner. Newworld	1	1967	Not working
5	STOVES: Primus 2-Burner kerosene.	2	1986	Only one burner working for each stove.
6	MICROWAVE: Whirl Pool	1		Good
7	DRUM OVEN: Home-made	1	1995	Good
8	WASHING MACHINE: Simpson - Minimatic	1	1980	Leaks
9	WASHING MACHINE Simpson - Hovermatic	1	1986	Good
10	REFRIGERATOR: Shacklock	1	1988	Good
11	REFRIGERATOR: Westinghouse. Frost Free 442	1	1994	Not working. Breaks down every year since 1996.
12	FREEZER: Westinghouse. Upright (300 Litre). Frost Free 303	1	1994	Good
13	DRIER: Simpson - Maxdry 1200 S	1	1993	Good
Clothing Labaoratory				
14	SEW. MACHINE: Electric Bernina # 801	3	1980	2 Good 1 Not working
15	SEW. MACHINE: Electric Bernina # 802	4	1980	Tension units losing control. Decorative stitches not working.
16	SEW. MACHINE: Electric Bernina # 810	7	1982	6 working 1 Not working
17	SEW. MACHINE: Overlocker Globe.	6	1986	Good
18	SEW. MACHINE: Treadle Singers	10	1975	Not working. Mostly parts missing
19	SEW. MACHINE: Hand Singers	8	1970	Working but unreliable
20	SEW. MACHINE: Hand Singers	6	1975	Not working due to missing parts.
21	SEW. MACHINE: Hand Butterfly	3		Not working due to parts missing.
Staff Office				
22	COMPUTER: Macintosh Centris 610	1	1993	Very Good but no printer to print.
23	COMPUTER: Macintosh Performa, 6360	1	1997	Very Good but no printer to print.
24	COMPUTER: IBM 14"Adias SVGA color monitor, Intel Celeron 700MHz System 650VA UPS	1	2001	Very Good
25	COMPUTER: IBM 14"Adias SVGA color monitor, Intel Celeron 1000MHz.600VA UPS	1	2002	Very Good
26	PRINTER: Laser Pro 600	1	1994	Not printing
27	PRINTER: Cannon LBP-800	1	2001	Very Good
28	PHOTOCOPIER Konica 7020	1	2002	Very Good

List of Existing equipment - Design & Technology Section

Items	Manufacture	Model	Q'ty	Year of purchase	Operating condition
1 LATHE MACHINE, 180mm SWING, 1000MM BED LENGTH	HERCUS	BTM 17004	1	1978	Working but could not precisely Perform some operations, some parts are worn out very old.
2 LATHE MACHINE, 180mm SWING, 1000MM BED LENGTH	HERCUS	ATM 17069	1	1978	Working but could not precisely Perform some operations, some parts are worn out very old.
3 POWER HACKSAW, 300mm X25mm BLADE	AJAX		1	1984	Damaged holding device
4 POWER HACKSAW	EVACUT	200L	1	1999	Not working, damaged gear
5 WOOD LATHE	TRADESMEN WADKIN		1	1980	Switch defective but working
6 WOOD LATHE	TANNER	MODEL SB 165	1	1978	Motor working but pulley is damaged and worn out, very old
7 WOOD LATHE, WOODFAST NILSEN			1	1978	Motor working but head stock pillow block is worn out, very old
8 EXTRACTOR, DUST MODEL DW 30			1	1980	Motor not working
9 WELDING MACHINE	ESAB	THF 225	3	1984	Working, one require correct switch outlet
10 WELDING MACHINE	COM PAK	HD 150	1	1984	Working
11 AIR COMPRESSOR	CLISBY	820	1	1980	Working but very old
12 ELECTRIC DRILL 1/2" PORTABLE	METABO		1	1984	Working
13 DRILL PRESS, BENCH 1/2"	WALDOWN		1	1980	Working
14 ELECTRIC GRINDER 200 mm, SINGLE PHASE			1	1985	Working
15 JIG SAW, PORTABLE	BLACK & DECKER		1	1984	Chuck & screw damaged, unserviceable
16 JIG SAW, PORTABLE	METABO	E 350	1	1984	Working
17 JOINTER 8", SINGLE PHASE		CT-200	1	2000	Working
18 PLANER ELECTRIC, PORTABLE		1700	1	1984	Working
19 RADIAL ARM SAW, 3 PHASE MOTOR	TATRY		1	1980	Working
20 ROUTER PORTABLE	ELU		1	1984	Working
21 ROUTER PORTABLE	STANLEY	267	1	1984	Working
22 ROUTER PORTABLE, 12mm	MAKITA	3612BR	1	2000	New, working
23 ROUTER PORTABLE, 3/8"	MAKITA	3620	1	2000	New, working
24 SANDER BELT, PORTABLE	HITACHI		1	1984	Working
25 SANDER BELT, PORTABLE,	BLACK & DECKER		1	1984	Working
26 SANDER ORBITAL, PORTABLE	ELU MÜCHLACKER		3	1984	1 not working
27 SANDER ORBITAL, PORTABLE	RYOBI		1	1984	Not working
28 SANDER, BELT & DISC, 3 PHASE	WOODFAST		1	1980	Working
29 SAW BAND	BKI (POWERLINE)		1	1980	Working
30 SAW BAND	CENTAURO	350	1	1980	Some parts missing, wheel cover broken
31 SAW BAND	WOODFAST	MODEL 400	1	1984	Working
32 SAW CIRCULAR, 3 PHASE		S115F	1	1980	Working
33 SAW CIRCULAR, PORTABLE 1/2"	MAKITA		1	1984	Working
34 SEWING MACHINE, INDUSTRIAL	JUKI		1	1999	Working
35 THICKNESSER, 3 PHASE		S35 SCM	1	1980	Working
36 ANGLE GRINDER 180mm	MAKITA		1	2000	Working
37 OXY-ACETYLENE HAND TRUCKS			1	1984	Good condition
38 SUPPORT STAND, RIGID			2	1984	Good condition
39 SHEARS, HAND LEVER 180mm,			1	1984	Good condition
40 BUFFING MACHINE 7"		SB4A71/2R	1	1984	Working
41 BENCH GRINDER 6"	TOPLINE		1	2000	Working
42 PEDESTAL GRINDER 200X25mm	AJAX	DS7200T	1	1985	Working
43 PEDESTAL GRINDER 200mm	ELEKTRA BECKUM		1	1984	Working
44 LATHE MACHINE, BENCH TYPE, SINGLE PHASE	MYFORD		1	1978	Old not working, some parts are missing
45 GUILLOTINE	EDWARDS	PEDICUT 600	1	1984	Good condition
46 GUILLOTINE 1250mm	MAGNUM CUT		1	1984	Good condition
47 SHEET METAL FOLDER 1210mm	MAGNUM FOLD		1	1984	Good condition
48 SHEET METAL FOLDER 660mm	BRAKE AND PAN FOLDER (070)		1	2000	Good condition
49 PEDESTAL DRILL PRESS 16mm	AJAX	RDM 170F	1	1985	Good condition
50 PEDESTAL DRILL PRESS		MODEL PD20AP	1	1984	Not working, damaged chuck and arm feed handle
51 SWAGE AND JENNY MACHINE	BRAMLEY 76		1	2000	Working
52 CURVING ROLLER, 480mm	BRAMLEY		1	2000	Working
53 BAR BENDER, 50X12mm	BRAMLEY		1	2000	Working

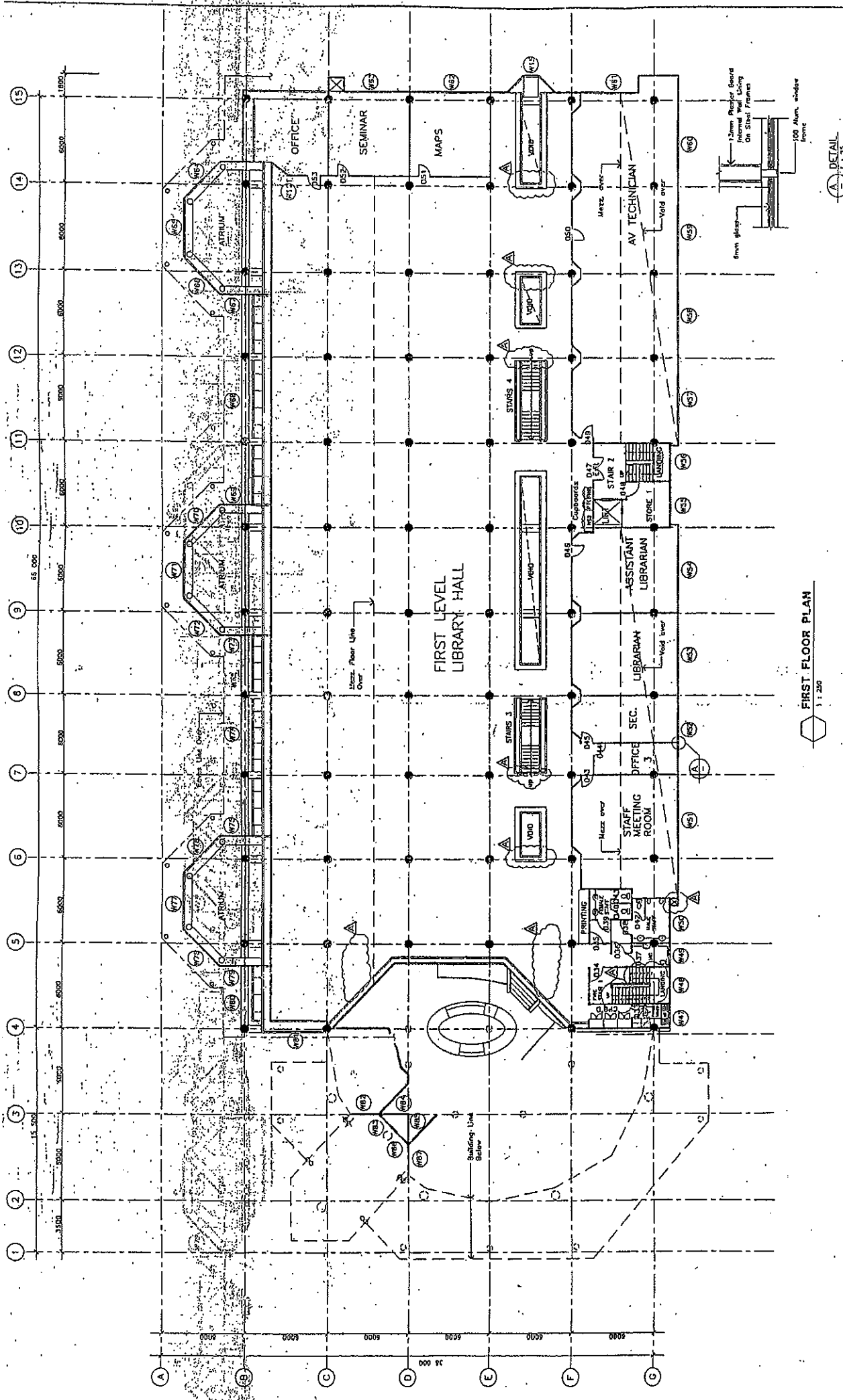
List of Existing equipment - Technical Vocational Section

Items	Manufacture/Model	Q'ty	Year of Purchase	Operating condition
1	Flaring Tool	1	1999	Good
2	Gate Valve, 20mm	1	1999	Good
3	Power Drill, Double insulated	1	2000	Good
4	Gate Valve, 25 mm"	1	1995	Good
5	BipTap, Brass wated/copper wated	2	1984	Good
6	Gate Valve, 32mm	1	1997	Good
7	Stone File, stone rectangular	1	1999	Good
8	Electric Sanders, Makita	1	1995	Good
9	Hacksaw, 300mm	1	1997	Good
10	Electric Sanders, Metabo	1	1990	Out of Order
11	Hacksaw Blade, Stanley	3	2002	Good
12	Pipe Wrench, 12" Heavy Duty	1	2002	Good
13	Hammer, wooden handle	3	2002	Good
14	Tap & Die, 21 piece	2	2002	Good
15	Trademan Welder, ESAB 400 Litre	1	Not known	Good
16	Oxy-Acety Set, ComWeld 3m Hose Regulators	1	"	Good
17	Bench Grinder, Heavy, duty grinder	1	"	Good
18	Portable Drill,	1	"	Good
19	Radius Bars, metal bars	2	"	Good
20	Guiding Wheel, Metal wheels/cooper	1	"	Useable
21	Welding Shields, CIG Protetor Helmetss	13	"	Useable
22	Chipping Hammers, metal made	6	"	Useable
23	Wire Brush, wood handle	1	"	Useable
24	Wire Brush, Plastic handle	2	"	Useable
25	Dark Goggles, CIG make	3	"	Not in Good Condition
26	Flat Cold Chisel, Chrom-vanadium	1	"	Good
27	Pin Punch,	1	"	Good
28	Centre Punch	1	"	Good
29	Ball Pein Hammer, Less than 4 kilogram	1	"	Good
30	Cuttin Tip, size 8	1	"	Good
31	Cutting Tip, size 15	1	"	Good
32	Cutting torch set, old type	1	"	Not in Good Condition
33	Heating Tip, 8x12 CIG made	1	"	Useable
34	Welding Tip, size 12 CIG made	4	"	Useable
35	Oxy-spanner, CIG Made	2	"	Useable
36	Oxy-Key, Comweld CIG	1	"	Useable
37	Blow Pipe, Commet 3	1	"	Not Useable
38	Hydraulic press, 35 tonn	1	"	Useable
39	Bench Vices, No 150	6	"	Useable
40	Bench Vices, No. 100	2	"	1 usealbe-1x not useable
41	Bench Vice, No. 75	1	"	Useable
42	Floor Jack, 1 tonn	1	"	Not Useable
43	Floor Crane, 2.5 Tonn	1	"	Useable
44	Engine Stand, black hawk 1 tonn	1	"	Useable
45	Bench Drill, work max	1	"	Useable
46	Compressor, 1500 Kpa	1	"	Useable
47	King Tony (Box) Cabinet tool box	1set	"	Not Useable (tools Missing)
48	Ignition stimulator	1	"	Good
49	Timing Ligh	2	"	Obsolete
50	Compressor Testor (Petrol)	1	"	Good
51	Vaccum Gauge	1	"	Good

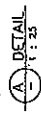


GROUND FLOOR PLAN
1 : 250

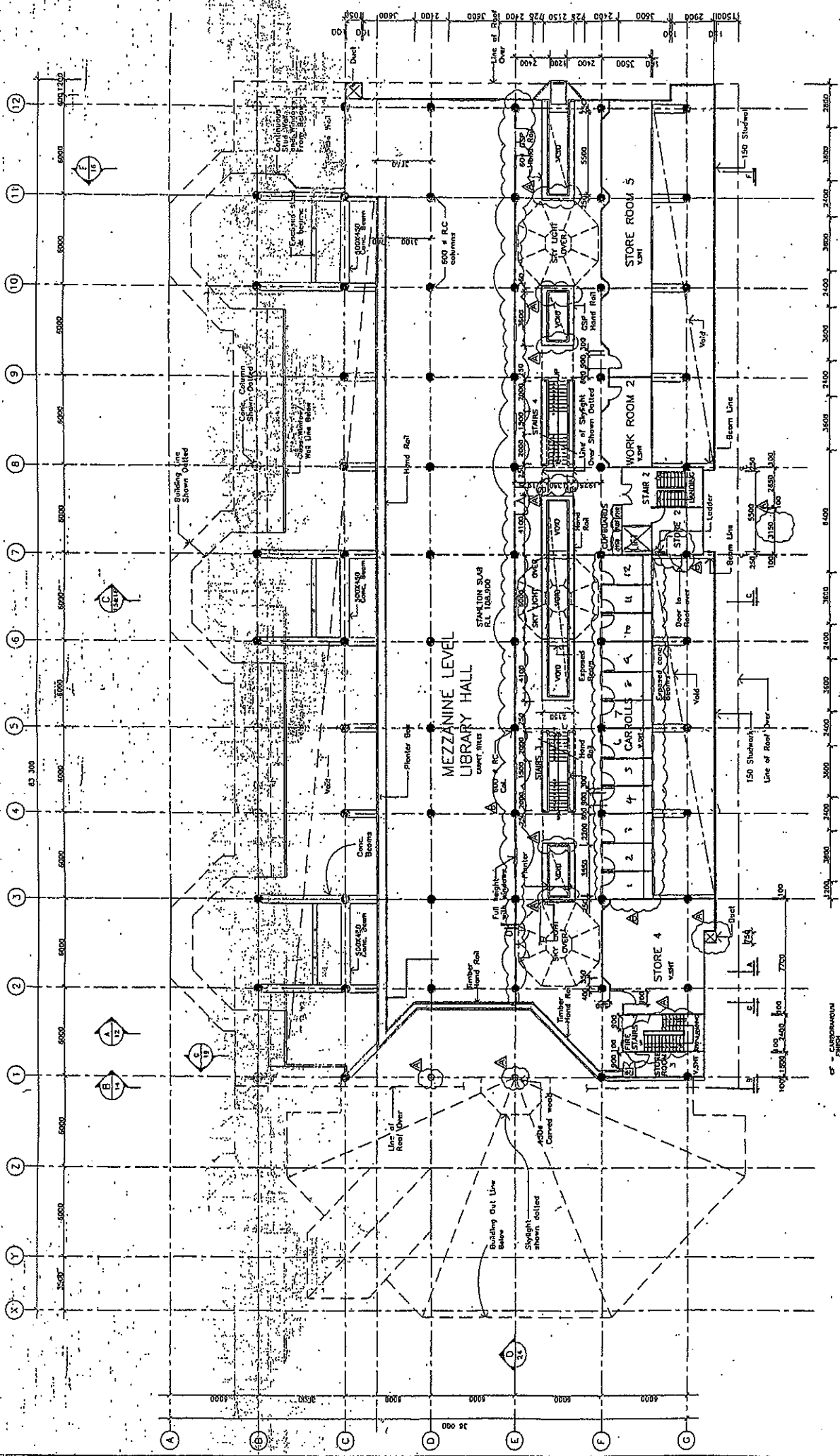
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FIRST FLOOR PLAN
1 : 250



In Association With STRUCTION ARCHITECTS	Client THE UNIVERSITY OF GOROKA	Project LIBRARY COMPLEX	Drawing Title FIRST FLOOR PLAN WINDOWS & DOOR SCHEDULES	Date: 24/1/25 Drawn: WJ/JA/DO Designed: Checked: Approved:	Drawing No 6047-CS																		
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MEZZANINE FLOOR PLAN
1 : 250



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現地収集資料

タイトル	発行年月	発行機関	発行者
1 Master Plan Phase 1-Land Use & Site Planning	October 2000	ゴロカ大学	
2 Campus Master Plan-Final Report	October 2001	ゴロカ大学	
3 Development since 1997	May 2002	ゴロカ大学	Pro Vice Chancellor (A&D)
4 Revised By-Laws	January 2003	ゴロカ大学	
5 Student Statistics 2001	March 2001	ゴロカ大学	
6 Student Statistics 2002	March 2002	ゴロカ大学	
7 2003 University Fees	January 2003	ゴロカ大学	
8 2001 4th Quarter Financial Report	February 2002	ゴロカ大学	Financial Management Division
9 Proposed Budget Requirements for the Development of Secondary Teacher Education at UPNG-Goroka Campus 1995-2000		ゴロカ大学 (UPNG)	
10 2003 Budget, October 2002 Volume 1	October 2002	ゴロカ大学	
11 Public Investment Program 2000-2004, Volume 3 (抜粋コピー)			
12 Public Investment Program 2003-2007, Volume 3 (抜粋コピー)			
13 Staff Returns as at 31st October 2002	October 2002	ゴロカ大学	Personnel Management Division
14 2003 Academic Calendar		ゴロカ大学	
15 2001 Academic Calendar and Principal Dates	November 2000	ゴロカ大学	Office of Pro Vice Chancellor (A&D)
16 Academic Programs and Students Enrollment and Output 2001		ゴロカ大学	Pro Vice Chancellor (A&D)
17 Academic Rules and Regulations Handbook	January 2003	ゴロカ大学	Office of Pro Vice Chancellor (A&D)
18 Report on the Academic Program Structure Review to A Special Joint Meeting of Academic Board and Planning & Resources Management Committee	October 2000	ゴロカ大学	The Curriculum Review Sub-Committee
19 Progress Report on the Implementation Schedules of the Revised Academic Program Structures	September 2002	ゴロカ大学	Implementation & Monitoring Task Force
20 Memorandum of Understanding on The Establishment of A Center for Natural Resource Research and Development between The UOG and The Department of Agriculture & Livestock		ゴロカ大学	
21 A Center for Natural Resource Research and Development (CNRRD)	December 2002	ゴロカ大学	Faculty of Science
22 Memo regarding 2003 Plan for the Center for Melanesian Studies		ゴロカ大学	
23 An Information Brochure on Glen Lean Ethno-mathematics Center		ゴロカ大学	
24 Establishment of the Center for Life Skills and Student Study Support		ゴロカ大学	
25 Memorandum of Understanding between The UOG and Madang Teachers' College of the National Department of Education		ゴロカ大学	
26 Memorandum of Understanding between The UOG and Papua New Guinea Education Institute of the National Department of Education		ゴロカ大学	
27 Guidelines for Program Accreditation		ゴロカ大学	
28 Guidelines for Institutional Accreditation	November 2002	ゴロカ大学	高等教育委員会のためのドラフト

タイトル	発行年月	発行機関	発行者
29 Papua New Guinea Journal of Teacher Education	1997	ゴロカ大学	
30 Papua New Guinea Journal of Teacher Education	1998	ゴロカ大学	
31 新多目的講堂建築図面 (抜粋コピー) A3 参考図		ゴロカ大学	
32 新図書建築図面 (抜粋コピー) A3		ゴロカ大学	
33 2002 UOG Telephone Guide (ゴロカ大学内線電話番号/email アドレス付)		ゴロカ大学	
34 Information Technology Development for University of Goroka 2000-2005	December 1999	ゴロカ大学	Information Technology working Group
35 Handbook of Postgraduate Studies in Education 2003-2004	January 2003	ゴロカ大学	
36 2003 Handbook Undergraduate Studies, Humanities Faculty		ゴロカ大学人文学部	
37 2000 Handbook Undergraduate Studies		ゴロカ大学	
38 Handbook of Course 2003(Part One)			
39 Information for Course Advisors, 2003 Academic Year		ゴロカ大学	Pro Vice Chancellor (A.&D)
40 Educational Reform and Demand for Teachers: Training Needs Analysis for Secondary Schools in Papua New Guinea	June 2000	ゴロカ大学	Api C. Maha, Teresa A. Flaherty, Musawe Sinebare
41 Lahara 2000/2001 Report		ゴロカ大学	教育省へのレポート (夏期休暇集中プログラム)
42 Proposed Bachelor of Education for Agricultural Education	October 2000	ゴロカ大学理学部	Agricultural Education Section, Dept. of Science, Agriculture and Health, 理学部
43 2002 Course Handbook, Bachelor of Education & Diploma in Education (Draft)		ゴロカ大学教育学部	Dept. of Educational Foundation
44 Course Handbook under the New Academic Structure in 2002 and 2005		ゴロカ大学教育学部	Dept. of Curriculum and Teaching
45 Course Readings, ETE 001 Instructional Technology		ゴロカ大学教育学部	Dept. of Curriculum and Teaching
46 Course Handbook - Home Economic Section		ゴロカ大学理学部	Dept. of Home Econ. & Design &
47 Course Handbook - Design & Technology Section		ゴロカ大学理学部	Dept. of Home Econ. & Design &
48 Course Handbook - Technical & Vocational Education Section		ゴロカ大学理学部	Dept. of Home Econ. & Design &
49 Course Handbook - Science Section		ゴロカ大学理学部	Dept. of Science, Agriculture & Health
50 Course Handbook - Agricultural Section		ゴロカ大学理学部	Dept. of Science, Agriculture & Health
51 Course Handbook - Health Section		ゴロカ大学理学部	Dept. of Science, Agriculture & Health
52 Course Handbook - Dept. of Mathematics and Computing		ゴロカ大学理学部	Dept. of Mathematics and Computing
53 PNG Yellow Pages / Telephone Directory 2002			
54 Education Sector Project Profiles	March 2002	オーストラリア援助庁	AusAID
55 Report on visit to UOG and recommendations for Output2.1 : Procurement of additional resource materials for the teaching and learning of science in the three		オーストラリア援助庁	John Broadfoot, Long Term Advisor
56 Papua New Guinea-European Community Country Strategy Paper and National Indicative Programme for the period 2002-2007	April 2002	ヨーロッパ連合体	European Community
57 The State of Education in Papua New Guinea	March 2002	教育省	Education Reform Facilitating and Monitoring Unit
58 Brief for Honourable Michael Laimo MP Minister of Education.	August 2002	教育省	

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タイトル	発行年月	発行機関	発行者
59 Department of Education Corporate Plan 2003-2007		教育省	
60 Education Statistics of Papua New Guinea 2000		教育省	
61 Education Statistics of Papua New Guinea 1996.		教育省	
62 2001 Annual Report		教育省	
63 Organic Law and The General Education Sector	September 2001	教育省	Institutional Strengthening Project
64 Secondary School Qualitative Indicators	April 2001	教育省	Education Reform Facilitating and Monitoring Unit.
65 Education For All, Assessment 2000 Papua New Guinea Country Report.	2000	教育省	Education Reform Coordinator
66 National Education Plan 1995-2004: Update 1.	1999	教育省	
67 Syllabus 2003 Upper Primary Science.	2003	教育省	
68 National Curriculum Statement - 2002	2002	教育省	
69 Technical Vocational Education Corporate Plan 1999-2003.	May 1999	教育省	
70 Education Act 1983(Consolidated To No.13 OF 1995)	December 2001	教育省	
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*印を付した資料は「部門別収集資料ファイル」に綴じる。

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