



新築校舎外観



新築校舎外観



新築校舎裏側 (屋根の軒先や棟の歪みがある)



2年前に完成した校舎 (老朽化している印象)



外廊下



教室内の内装と机・椅子、収納棚



工事中の便所



便所の汚水槽

D-5 ドナーによる新築校舎

Science Primary School (Abuja近郊のKuje)  
(UNICEFと英国航空との共同で建設)



新築校舎の外観



新築校舎の外観



教室内部 (天井照明器具、天井扇有り)



図書室内部 (書架、収納棚)



新設便所 (6ブース)



新設高架水槽



トイレブース



手洗いシンク

D-6 建設現場の状況(1)

建設中の小学校

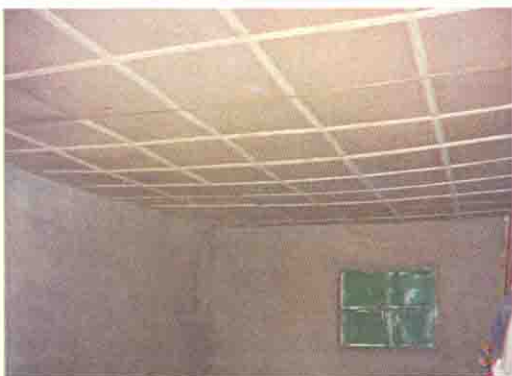
Gosa. Primary School LGEA (Abuja近郊、空港の近く)



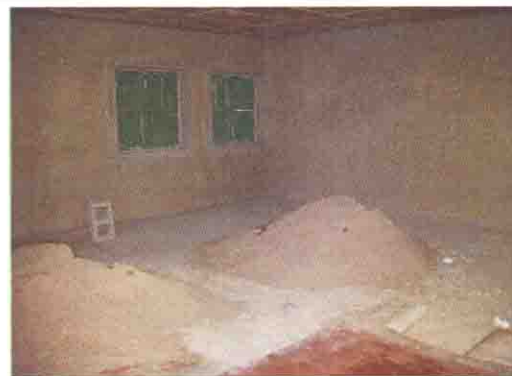
工事中の校舎全景



外廊下の天井と庇



教室内の天井（垂れ下がっている状態）



教室内部（作業場と資材保管庫に利用）

建設中の職員宿舎

Science Primary School (Abuja近郊のKuje)



梁の木製型枠



コンクリート柱の配筋と型枠



鉄筋の加工作業（鉄筋は曲げられた状態で現場に搬入）



砂、碎石（花崗岩）この骨材の品質は良い

D-6 建設現場の状況(2)

(ナイジェー州 Minna、 Shiroro Hotel 敷地内 )  
携帯電話用通信中継所の建設現場 (請負業者はLagosの施工会社)



建設場所 (鉄塔用基礎の根切りが完了の状態)



基礎立上り部分の配筋



コンクリート打設用バイブレーター



基礎立上り部分の合板型枠

※基礎コンクリート打ち直前に、基礎位置が1m近く設計と違っていることが見付き、すぐやり直し作業開始。



ミキサーによるコンクリート練り



練り上がったコンクリート



モルタルをつくる作業



床配筋用スペーサーの製作

D-7 建設資機材 (1)

サンドクリートブロック工場 (ナイジャー州 Minna市内)

Dom Maitumbi Blocks Industry



製作所の全景 (生産能力: 600~700個/日)



養生中のサンドクリートブロック



2種類のブロック (450x225x225, 450x225x150)



ブロック成型機 (動力: ディーゼルエンジン)

材木屋街

(ナイジャー州 Minna市内)

Chinedu Paul C. Okonkwo



材木屋 (約30店舗が集まっている)



木材 2'x12' ハードウッド (材種: Obiba)



木材 1'x12' ソフトウッド (材種: Hard White)



木材 1'x12' ハードウッド (材種: Achwale)

D-7 建設資機材 (2)

鋼製建具製作所

(ナイジャー州 Minna市内) Aze Akose Construction Company Nig.



製作所の全景



錆止め塗装済みのスチールドア



錆止め塗装済みのスチール窓



溶接組立作業 (かなり錆がでている材料を使用)

学校用家具製作所

(プラトー州 Jos市内)



野積み生の徒用机・椅子



組立て済みの机・椅子



家具製作用の作業台



組み立て部品

収集資料リスト

番号	資料名	入手先	備考
A-1	A Handbook on the Federal Ministry of Education, FME	UBE Programme	copy
A-2	A Handbook of Information on Basic Education in Nigeria, Federal Ministry of Education, 2002	UBE Programme	copy
A-3	A New Mandate for the UBE Programme, UBE, 2002	UBE Programme	copy
A-4	Africa Atlas, Nigeria, Les Editions J.A. 2002	FME	
A-5	Annual Abstract of Statistics, 1999, Federal Office of Statis.	UBE Programme	
A-6	Annual Report and Statement of Accounts for 31 December, 2001, Central Bank of Nigeria	JICA, Nigeria	excerpt
A-7	Annual Report UBE, year 2001, UBE	UBE Programme	
A-8	Breakdown of the year 2000 Appropriation Bill	JICA, Nigeria	copy
A-9	Child-Friendly School Initiative	UNICEF	
A-10	Dariye Decries, State of Education	JICA, Nigeria	copy
A-11	Education For All (EFA) in Nigeria, Country Report, 2001	UBE Programme	
A-12	Education For All, Programme Activities of UNESCO Abuja since Dakar 2000, UNESCO	UNESCO	
A-13	Educational Planning and Administration in Nigeria in the 21st Century, NIEPA, 2000	UBE Programme	
A-14	EFA Global Monitoring Report 2002, UNESCO	UNESCO	
A-15	General Household Survey, 1996/97, National Report, 2000	UBE Programme	
A-16	General Household Survey, 1997/98, National Report, 2000	UBE Programme	copy
A-17	Human Development Report, Nigeria 2000/2001, UNDP, 2001	UNDP	
A-18	Management of Nigerian Education: Law, Structures and Responsibilities, NIEPA, 1998	UBE Programme	
A-19	National Policy on Education, 3rd Edition, NERDC Press	UBE Programme	copy
A-20	National Primary Education Commission, Interim Report, 1997	UBE Programme	copy
A-21	National Rolling Plan (1997-1999), Vol.1, NPC	NPC	
A-22	National Teachers' Decree, 1978	UBE Programme	copy
A-23	National Teachers' Institute, Organogram	UBE Programme	copy
A-24	NCCE Brochure, 2001, National Commission on Colleges of Education, 2001	UBE Programme	
A-25	Nigeria Community Education Project, British Council	DFID	
A-26	Nigerian Economic Policy, 1999-2003	JICA, Nigeria	copy
A-27	Partners in Action, Newsletter of EFA Partners in Nigeria, 2002, UNESCO	UNESCO	
A-28	Project Appraisal Document for a Second Primary Education Project, World Bank, 2000	World Bank	
A-29	Project Appraisal Document for a Universal Basic Education Project, World Bank, 2002	World Bank	copy
A-30	World Bank Report, No. 23897, 2002	World Bank	copy
A-31	Nigeria - Universal Basic Education Project, No. PID10833	World Bank	copy
A-32	Public Expenditures on Education in Nigeria, World Bank 2002	World Bank	
A-33	Question & Answer on National Commission on Mass literacy and Non-formal Education all about?	UBE Programme	copy
A-34	Sequential and Strategic Implementation Plan for UBE Progr.	UBE Programme	copy

A-35	Statistical Digest on Colleges of Education in Nigeria Vol. 5, NCCE, 2000	UBE Programme	
A-36	Teacher Production Utilization and Turnover Patterns in Nigeria, NCCE, 2000	UBE Programme	
A-37	The Appropriation Bill 2002	JICA, Nigeria	copy
A-38	The Rights of the Child, UNICEF, 2000	UNICEF	
A-39	The Strategic Plan of the National Teachers' Institute, 2000-2006	UBE Programme	
A-40	UBE for Nigeria, Federal Ministry of Education, 1999	UBE Programme	copy
A-41	UBE Forum, A Journal of Basic Education in Nigeria, Vol.1 2001	UBE Programme	
A-42	Vision and Mission of Education in Nigeria, The Challenges of the 21st Century, NCCE, 1998	UBE Programme	
A-43	20-21 Visinon	JICA, Nigeria	excerpt
A-44	2002 Budget	JICA, Nigeria	excerpt
A-45	2003 年度予算案 (政府原案)	JICA, Nigeria	excerpt
A-46	Budget Allocation by Education Bill	JICA, Nigeria	excerpt
A-47	教育制度、教育関連機構図、林 正樹	JICA, Nigeria	
A-48	教育資料、UBE	UBE Programme	excerpt
A-49	教育統計資料、UBE	UBE Programme	
A-50	各学校調査表回答、ナイジャー州	ナイジャー州SPEB	
A-51	各学校調査表回答、カドゥナ州	カドゥナ州SPEB	
A-52	各学校調査表回答、プラトール州	プラトール州SPEB	



番号	資料名	入手先	備考
B-1	UBE標準設計図面 Proposed Block of 3 Classrooms with Office, Store and V.I.P. Toilet for Universal Basic Education Scheme – North Central	U.B.E. Programme	A-3
B-2	UBE標準設計図面 Proposed Block of 3 Classrooms with Office, Store and V.I.P. Toilet for Universal Basic Education Scheme – South-South, South-West, South-East	U.B.E. Programme	A-3
B-3	Bill of Quantities for Block of 3 Classrooms with Office, Store and V.I.P. Toilet for Universal Basic Education Scheme – North-East, North-West & Central Zones	U.B.E. Programme	
B-4	UBE Classroom Construction Project – Additional Instruction to Contractors	U.B.E. Programme	
B-5	UBE Classroom Construction Project – Key Specifications	U.B.E. Programme	
B-6	UBE Classroom Construction Project – Contractor’s Data Sheet	U.B.E. Programme	
B-7	National Primary Education Commission – Norms for Space, Cost and Construction Management of the Primary Schools Building Programme – Kaduna, 1990	U.B.E. Programme	
B-8	National Primary Education Commission – Interim Report by the Committee on Minimum Standards for Primary Education – October, 1997	U.B.E. Programme	
B-9	National Rolling Plan 2003-2005 and Year 2003 Capital Programme for Universal Basic Education – August, 2002	U.B.E. Programme	
B-10	Guidelines for Implementation – Primary School Building Project – February, 2001	U.B.E. Programme	
B-11	Niger SPEB 標準設計図面	Niger SPEB	A-3
B-12	Bill of Quantities for a Proposed Block of Two Classroom with Headmaster’s Office and Store Presented by Niger State Primary Education Board, Minna	Niger SPEB	
B-13	Bill of Quantities for a Proposed Modern V.I.P. Toilet (2 Compartment of 2 Toilet) Presented by Niger State Primary Education Board	Niger SPEB	
B-14	Kaduna SPEB 標準設計図面	Kaduna SPEB	
B-15	B.O.Q. for Construction of a Double Classrooms and Office Type B1	Kaduna SPEB	
B-16	Plateau SPEB 標準設計図面	Plateau SPEB	A-2
B-17	B.O.Q. for Construction of a Block of Three Classrooms	Plateau SPEB	
B-18	Report on School Construction – Annex A “Review of Construction Norms, Procedures and Capacity for Primary School Buildings and Development of School Construction Guidelines and Procedures for World Bank - Assisted School Building Projects”	World Bank	
B-19	Human Development Report – Nigeria 2000/2001 Millennium Edition	UNDP Lagos	
B-20	Nigeria Community Education Project	DFID	
B-21	Africa Atlases – Nigeria	連邦教育省	

番号	資料名	入手先	備考
C-1	ナイジェリア全国道路地図 Spectrum Road Map NIGERIA	購入	
C-2	ナイジェー州地図 Administrative Map of NIGER STATE	SPEB, Niger State	
C-3	Kaduna市内地図 Street Guide KADUNA (Industrial & Commercial Centres)	購入	
C-4	建設物価資料 (本：市販品) New Comprehensive Construction Cost Book 2 <sup>nd</sup> Edition (p 627)	U.B.E. Programme	A-5
C-5	ナイジェー州 登録建設業者リスト (カテゴリー分類別) Registration of Education Tax Fund Contractors	SPEB, Niger State	
C-6	プラトー州 登録建設業者リスト (カテゴリー分類別) Category as Defined by Plateau SPEB Jos	SPEB, Plateau State	
C-7	施工業者状況調査票データ (1)	U.B.E. Programme	
C-8	施工業者状況調査票データ (2)	SPEB, Kaduna State	
C-9	施工業者状況調査票データ (3)	SPEB, Plateau State	
C-10	プラトー州 工事契約書フォーム Agreement and Scheduled of Conditions of Building Contract	SPEB, Plateau State	
C-11	プラトー州 小学校用家具調達契約書フォーム Contract Agreement Document for the Supply of Primary School Furniture	SPEB, Plateau State	
C-12	UBE発注家具図面・仕様書 UBE Classroom Construction Projects Cost Estimates for One School (School Furniture)	U.B.E. Programme	