

An Integrated Model for the Design, Implementation and Evaluation of Nature and Adventure Based Interventions

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INTRODUCTION

In Québec (Canada), most of the Outdoor Adventure Education (OAE) or Adventure Therapy (AT) programs are run by individuals or small organizations. In such a context, the program development, implementation and evaluation are being done by people who often have to master all aspects of OAE or AT programs. In addition to mastering the intervention process, one must also be proficient in project management, educational, psychosocial or psychological program design, risk management, expedition logistics, program evaluation and program administration. This poster proposes an integrated model to systematize, synchronize and schematize many of the different aspects associated with the development, implementation and evaluation of nature and adventure based interventions such as OAE or AT programs.



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PROJECT MANAGEMENT (Genest & Nguyen, 2002)	ELABORATION		PLANNING	EXECUTION AND MONITORING			CLOSURE	
PSYCHOSOCIAL INTERVENTION PROGRAM DESIGN AND EVALUATION (Alain & Dessureault, 2010)	EVALUATION IS AN ONGOING PROCESS. IT SHOULD BE DONE BEFORE, DURING AND AFTER AN INTERVENTION. EVALUATION CAN BE FORMATIVE OR SUMMATIVE AND OBJECTIVE OR SUBJECTIVE							
EVALUATIONS	BEFORE			DURING			AFTER	
	NEEDS EVALUATION NE - NEEDS EVALUATION NE - RESSOURCES (INPUTS) EVALUATION (HUMAN, MATERIAL, FINANCIAL) NE - EVALUATION OF THREATS AND OPPORTUNITIES NE- NEEDS EVALUATION REPORT	IMPLEMENTATION EVALUATION IE - MOBILIZATION OF STAKEHOLDERS IE - IMPLEMENTATION FIDELITY / PLANNED RESOURCES VS AVAILABLE RESOURCES IE - IMPLEMENTATION FIDELITY / OBJECTIVES VS INDICATORS IE - IMPLEMENTATION FIDELITY / INTERVENTION ADEQUACY - DAILY DEBRIEFINGS WITH PARTICIPANTS IE - IMPLEMENTATION FIDELITY / INTERVENTION ADEQUACY - DAILY DEBRIEFINGS WITH PRACTITIONERS / FACILITATORS IE - IMPLEMENTATION FIDELITY / INTERVENTION ADEQUACY - PRACTITIONERS'S / FACILITATORS'S LOGBOOK			PERFORMANCE EVALUATION OUTCOMES EVALUATION EVALUATION OF OFF TARGET EFFECTS SATISFACTION EVALUATION - PARTICIPANTS SATISFACTION EVALUATION - STAKEHOLDERS PROFESSIONAL EVALUATION RELEVANCE EVALUATION - (REPEAT, MODIFY, TERMINATE)			
INTERVENTION PROGRAM	IDENTIFICATION	DEFINITION	PLANNING	IMPLEMENTATION			CONCLUSION	
PROGRAM OBJECTIVES IDENTIFICATION PROGRAM THEORY IDENTIFICATION INDICATORS IDENTIFICATION IDENTIFICATION OF CRITERIA FOR PARTICIPATION ROLES AND RESPONSABILITIES IDENTIFICATION LOGIC MODEL	REFERENCE FRAMEWORK STAKEHOLDER MAPPING TIME TABLE - GANTT CHART	GENERAL INTERVENTION SPECIFIC INTERVENTIONS INVITATION / APPLICATION / ENROLLMENT	PROGRAM IMPLEMENTATION AND MONITORING			INTERVENTION REPORT ACKNOWLEDGEMENT - THANK-YOU LETTER		
PROGRAM STAGES AND PHASES (INAQ, 2007)	NEEDS EVALUATION			INTERVENTION			FOLLOW-UP	
STAGES OF GROUP DEVELOPMENT (Tuckman, 1965)	NEEDS AND OBJECTIVES			ORIENTATION	ADVENTURE		CELEBRATION	
SEQUENCE Adapted from: (Roland & al., 1987) (Bisson, 1999) (Bilodeau, 2005) (INAQ, 2007)				FORMING	STORMING	NORMING	PERFORMING	ADJOURNING
				ACCLIMATIZATION				
				DISINHIBITION AND ACQUAINTANCE				
				TRUST				
				COMMUNICATION AND COOPERATION				
				PROBLEM SOLVING				
				INDIVIDUAL AND GROUP CHALLENGES				
			INTROSPECTION / SOLO		SHARING		CELEBRATION	
					SUPPORT AND TRANSFER			
ADMINISTRATION	COST EVALUATION - BUDGET QUOTE AGREEMENT - CONTRACT		ACCESS RIGHTS, PERMITS, AUTHORIZATIONS	EXPENDITURE CONTROL			EXPENSES REPORTS PROJECT ACCOUNTING COST ANALYSIS	
RISK MANAGEMENT			RISK MANAGEMENT PLAN TRIP PLAN EMERGENCY PLAN FORMS (MEDICAL, WAIVER, IMAGES CONSENT) WEATHER FORECAST	INCIDENTS AND ACCIDENTS REPORTS DAILY RECORDKEEPING - OUTDOOR GUIDE LOGBOOK			ARCHIVING OF INCIDENTS AND ACCIDENTS REPORTS	
LOGISTICS MANAGEMENT			SCHEDULE MAPS → TRANSPORTATION → FOOD → FOOD → EQUIPEMENT → EQUIPEMENT → EQUIPEMENT → EQUIPEMENT → EQUIPEMENT → EQUIPEMENT →	ITINERARY VEHICLES CIRCLE CHECK MENU GROCERY LIST GROUP ITEMS CHECKLIST PERSONAL ITEMS CHECKLIST PROVIDED ITEMS CHECKLIST DAMAGED/LOST ITEMS LIST PHOTO/VIDEO CHECKLIST	VEHICLES CIRCLE CHECK REPORTS AND DRIVERS DAILY LOG			ARCHIVING OF VEHICLES CIRCLE CHECK REPORTS AND DRIVERS DAILY LOG REPAIR AND REPLACEMENT OF DAMAGED AND LOST ITEMS PHOTO/VIDEO STORAGE, PROCESSING AND DISTRIBUTION