

Social Ecological Model for Teachers Associated with the ZEST Schistosomiasis (Kichocho) School-based Intervention

Level	Who do we want to change	What do we want to change	Behavioral Construct to influence	Intervention Approach	Change Agents	Trainings for Change Agents
Individual	Schoolteacher Madrasa Teacher	Learn about kichocho Perceive threat/severity Encourage teachers to swallow MDA tablets Decide to teach kichocho Develop self-efficacy to teach Develop skills to each Use new teaching materials Engage teachers & Students Participate in Kichocho Day school wide events Urinate in toilet/bush Wash laundry with tap water or not standing in the river Seek treatment for child sick	Knowledge (HBM) Perceived threat (HBM) Perceived severity (HBM) Access to materials (HBM) Skills building (SCT) Behavioural capability (SCT) Self-efficacy (HBM/SCT) Outcome expectancies (SCT) Access to laundry platforms and other structural interventions Access to MDA	One-on-one Small groups School meetings Education lectures Demonstrations Interactive activities Role modeling Blood Fluke Practice teaching	NTD Team	Science-based disease Science-based Behavior change Science-based Communication Interactive teaching methods and tools Activities and games MDA-DD
Interpers.	Headmaster, Other Teachers, Coaches, Volunteers, School Club Members	Learn about kichocho Perceive threat/severity Encourage teachers to swallow MDA tablets Decide to teach kichocho Develop self-efficacy to teach Develop skills to each Use new teaching materials Engage teachers & Students Urinate in toilet/bush Wash laundry with tap water or not standing in the river Seek treatment for child sick Participate in school events	Knowledge (HBM) Perceived threat (HBM) Perceived severity (HBM) Access to materials (HBM) Skills building (SCT) Behavioural capability (SCT) Self-efficacy (HBM/SCT) Outcome expectancies (SCT) Access to laundry platforms and other structural interventions Access to MDA	One-on-one Small groups School meetings Education lectures Demonstrations Interactive activities Role modeling Blood Fluke Games and activities Practice teaching	NTD team Teachers Madrasa MDA DD	Science-based disease Science-based Behavior change Science-based Communication Peer training Interactive teaching methods and tools Kichocho Day Event MDA-DD
Organiz.	Headmaster, School Committees, PTA, Ministry of Education District Level	Learn about kichocho Perceive threat/severity Encourage teachers to swallow MDA tablets Urinate in toilet/bush	Knowledge (HBM) Perceived threat (HBM) Perceived severity (HBM) Access resources (HBM/SCT) Modeling behaviors (SCT)	One-on-one School meetings Demonstrations Interactive activities Role modeling	NTD team Teachers Club members MDA DD	Science-based disease Science-based Behavior change Science-based

		Wash laundry with tap water or not standing in the river Seek treatment for child sick Support teachers to teach Provide time and resources for school-wide events Participate in events Engage parents and community members	Self-efficacy (HBM/SCT) Social norms (SN) Access to laundry platforms and other structural interventions Access to MDA	School-wide events Blood Fluke Games and activities Peer-to-peer sessions Role modeling		Communication Interactive teaching methods and tools Kichocho Day Event Peer training MDA-DD
Comm.	Parents, Public Health Clinic near school, Community Leaders, other Community Members	Learn about kichocho Perceive threat/severity Swallow MDA tablets Urinate in toilet/bush Wash laundry with tap water or not standing in the river Encourage people to engage health seeking behaviors Support teachers to teach Provide time and resources for school-wide events Participate in Kichocho Day Engage parents and other community members	Knowledge (HBM) Perceived threat (HBM) Perceived severity (HBM) Access resources (HBM/SCT) Modeling behaviors (SCT) Self-efficacy (HBM/SCT) Social norms (SN) Access to laundry platforms and other structural interventions Access to MDA	Community meetings Demonstrations Interactive activities Peer-to-peer activities Clearing up misconceptions School-wide events Blood Fluke Games and activities Talk about other communities	NTD team Teachers Parents Students Health providers MOED	Science-based disease Science-based Behavior change Science-based Communication Interactive teaching methods and tools Kichocho Day Event Peer Training MDA-DD