

Appendix 1. SAM scoring at the Develop stage (Phase 3) in this study

Factor to be rated	Score
1. Content	
(a) Purpose is evident	2
(b) Content about behaviors	2
(c) Scope is limited	2
(d) Summary or review included	2
2. Literacy demand	
(a) Reading grade level	2
(b) Writing style, active voice	2
(c) Vocabulary uses common words	1
(d) Context is given first	2
(e) Learning aids via "road signs"	1
3. Graphics	
(a) Cover graphic shows purpose	0
(b) Type of graphics	1
(c) Relevance of illustrations	1
(d) List, tables, etc. explained	2
(e) Captions used for graphics	2
4. Layout and typography	
(a) Layout factors	2
(b) Typography	2
(c) Subheads ("chunking") used	
5. Learning stimulation, motivation	
(a) Interaction used	0
(b) Behaviors are modeled and specific	2
(c) Motivation—self-efficacy	0
6. Cultural appropriateness	
(a) Match in logic, language, experience	2
(b) Cultural image and examples	2
Total SAM score	34
Total possible score	44
Percent score (%)	77.3

NA, not applicable (if the factor does not apply to this material); SAM, Suitability Assessment of Materials.

SAM scoring: 2 points for superior rating; 1 point for adequate rating; 0 points for not suitable rating.