Table 11.2

SUMMARY OF CRITERIA FOR SELECTING RESOURCES

Criteria	Rating		
Allows children to explore a science topic in depth	Exceptional 1	Moderate 2	Poor 3
Presents the topic in a manner relevant to students' everyday lives	Exceptional 1	Moderate 2	Poor 3
Lets students engage in direct, purposeful experiences in which they can make their own observations and conclusions	Exceptional 1	Moderate 2	Poor 3
Allows children to work collaboratively	Exceptional 1	Moderate 2	Poor 3
Presents accurate information	Exceptional 1	Moderate 2	Poor 3
Actively engages students in their learning through experiences with concrete materials	Exceptional 1	Moderate 2	Poor 3
Promotes inquiry, problem solving, and critical thinking	Exceptional 1	Moderate 2	Poor 3
Uses technology as a tool to enhance learning	Exceptional 1	Moderate 2	Poor 3
Helps children learn how to learn (establishes a foundation for lifelong learning)	Exceptional 1	Moderate 2	Poor 3
Develops children's self-esteem, sense of competence, and positive feelings toward learning science	Exceptional 1	Moderate 2	Poor 3
Responds to children's individual differences in ability, development, and learning styles (the curricula are novel and varied and use a variety of instructional strategies)	Exceptional 1	Moderate 2	Poor 3
Integrates science across subject areas	Exceptional 1	Moderate 2	Poor 3
Engages children in discussions and conversation that challenge their thinking and help them construct understanding	Exceptional 1	Moderate 2	Poor 3
Stresses skills such as observing, measuring, hypothesizing, and predicting	Exceptional 1	Moderate 2	Poor 3
Uses portfolios, practical assessment, or other forms of alternative assessment	Exceptional 1	Moderate 2	Poor 3
Provides opportunities for physical movement	Exceptional 1	Moderate 2	Poor 3
Stresses exploration and depth over coverage of information	Exceptional 1	Moderate 2	Poor 3