Biology Adoption

Rating / Area	0 Not Addressed	1 Superficially Developed	2 Moderately Developed	3 Adequately Developed	4 Well Developed
Lab Activities	Not Addressed	Activities are largely confirmation type activities	Students are engaged in guided inquiry learning	Labs are discovery and moving toward inquiry	Labs are inquiry based. Labs create an environment that enables a student to learn
Science Concepts	Not Addressed	Isolated facts to be practiced in rote exercise and drills	Some major concepts presented	Most major concepts addressed	Unifying concepts present
Relevance	Not Addressed	No connections outside the classroom	Concepts are connected to science fields	Uses outside the classroom are presented	Concepts emerge within the context of real world examples, interesting problems, and applications beyond the classroom
Science for All Students	Not Addressed	Does not address the needs of all student populations	Some differentiation of learning experiences	Activities address different learning styles and abilities	All student populations have the opportunity to achieve a level of excellence
Assessment	Not Addressed	Traditional assessment instruments	Some alternatives to traditional assessment	Alternative forms of assessment available	Variety of assessment tools that address differences in learning styles, etc.
Technology activities	Not Addressed	Very few technology applications	Limited to computerized testing or some lab activities	Multimedia technology present	Students have the opportunity to use available and appropriate technology to enrich learning experiences
Readability	Not Addressed	Inappropriate vocabulary, text difficult to follow	Vocabulary appropriate, text not on grade level	Vocabulary, text appropriate for grade level	Developmentally appropriate, interesting graphics, appealing text
Connections to other curriculum areas	Not Addressed	Few connections to other academic areas	Some connections to math	Some connections to math and literature	Integration of science, math, language arts and social studies well developed
Extensions	Not Addressed	Concepts applied in routine problems or using formulated procedures	Some concepts presented in an inquiry setting	Students challenged by activities presented	Concepts presented in novel situations requiring applications of science concepts
Ancillary Materials	Not Addressed	Teacher materials limited to textbook, transparencies, and a lab manual	Computer disks available in addition to previous items as part of adoption	Multiple resources available to educators as part of the adoption	Teacher materials include a large variety of instructional resources and materials as part of the adoption
Integration of Life, Earth and Physical Sciences	Not addressed	Science disciplines addressed independently	Some connections within the science fields	Major connections between science disciplines evident	Integrations of science disciplines are well developed and evident
Ease of Teacher Use	No assistance	Long term staff development needed for implementation	Covers background science information for major concepts and guides the teacher's instruction with several days of staff development support	Covers background science information for major concepts and supports the teacher's attempt to cover all subjects with some staff development needed	Covers background science information for major concepts and provides a total package that allows teachers to implement good science instruction without staff development
Cost to maintain instructional materials	Not addressed	Replenishment of materials requires major time and money	Substantial time and money required for replenishment	Moderate cost and time required to get replenishment materials	Replenishment materials readily available at low cost and small effort
Ease of Student Use	Confusing for students	Students will require assistance to utilize instructional materials	Students can use instructional materials with minimal assistance	Instructional materials enhance student achievement	Clear, concise instructional materials enhance student achievement

Biology Adoption Scoring Sheet

Title of Textbook: _____

Publisher: _____

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Lab Activities					
Science Concepts					
Relevance					
Science for All Students					
Assessment					
Technology Activities					
Readability					
Connections to Other Curriculum Areas					
Extensions					
Ancillary Materials					
Integration of Life, Earth and Physical Sciences					
Cost to Maintain Instructional Materials					
Ease of Student Use					