



AAAS Project 2061 Algebra Textbooks Evaluation

Summary of Instructional Analysis Ratings for <i>Contemporary Mathematics in Context (CORE-Plus)</i> Everyday Learning Corporation, 1998	Idea Set		
Instructional Categories	Functions	Variables	Operations
I. IDENTIFYING A SENSE OF PURPOSE			
Conveying Unit Purpose	■	■	□
Conveying Lesson Purpose	□	■	■
Justifying Sequence of Activities	□	■	□
II. BUILDING ON STUDENT IDEAS ABOUT MATHEMATICS			
Specifying Prerequisite Knowledge	■	□	□
Alerting Teacher to Student Ideas	■	■	□
Assisting Teacher in Identifying Ideas	■	■	□
Addressing Misconceptions	□	■	■
III. ENGAGING STUDENTS IN MATHEMATICS			
Providing Variety of Contexts	□	□	□
Providing Firsthand Experiences	□	□	□
IV. DEVELOPING MATHEMATICAL IDEAS			
Justifying Importance of Standards Ideas	□	■	□
Introducing Terms and Procedures	□	□	□
Representing Ideas Accurately	□	□	□
Connecting Standards Ideas	□	■	□
Demonstrating/Modeling Procedures	■	■	■
Providing Practice	□	□	□
V. PROMOTING STUDENT THINKING ABOUT MATHEMATICS			
Encouraging Students to Explain Their Reasoning	■	■	□
Guiding Interpretation and Reasoning	□	□	□
Encouraging Students to Think about What They've Learned	□	■	□
VI. ASSESSING STUDENT PROGRESS IN MATHEMATICS			
Aligning Assessment	□	□	□
Assessing through Applications	□	□	□
Using Embedded Assessment	□	■	□



Poor: 0-1.4



Fair: 1.5-1.9



Satisfactory: 2-2.4



Good: 2.5-2.9



Excellent: 3