

Typical Sightings for *Algebra: Tools for a Changing World*

CRITERION	Average Instructional Ratings							PAGE(S)	ACTIVITY	IDEA SET
	0	0.5	1.0	1.5	2.0	2.5	3.0			
I.1 Conveying Unit Purpose								57	Chapter Project	Functions
I.2 Conveying Lesson Purpose								124	What You'll Learn ...And Why	Operations
I.3 Justifying Sequence of Activities								367	Work Together	Functions
II.1 Specifying Prerequisite Knowledge								236t	Prerequisite Skills	Variables
II.2 Alerting Teacher to Student Ideas								115t	Error Alert	Operations
II.3 Assisting Teacher in Identifying Ideas								179t	Connecting to Prior Knowledge	Variables
II.4 Addressing Misconceptions								238t	Error Alert Exercise 13	Functions
III.1 Providing Variety of Contexts								83 84t	Chapter Project Think and Discuss	Functions
III.2 Providing Firsthand Experiences								121 480	On Your Own #1-13 Technology	Operations
IV.1 Justifying Importance of Standards Ideas								56	Functions and Their Graphs: Relating to the Real World	Functions
IV.2 Introducing Terms and Procedures								124	Using The Distributive Property	Operations
IV.3 Representing Ideas Accurately								119	Work Together	Variables
IV.4 Connecting Standards Ideas								183	On Your Own #22	Operations
IV.5 Demonstrating/Modeling Procedures								119-120	Work Together, Think and Discuss	Variables
IV.6 Providing Practice								13-14	On Your Own #7-18, 22-23, 25	Variables
V.1 Encouraging Students to Explain Their Reasoning								476t	Additional Examples	Operations
V.2 Guiding Interpretation and Reasoning								285-286	Think and Discuss Examples 1 & 2	Variables
V.3 Encouraging Students to Think about What They've Learned								376t; 377	Journal; Checkpoint	Functions
VI.1 Aligning Assessment								506-507	Assessment; Cumulative Review	Operations
VI.2 Assessing through Applications								104	Assessment	Functions
VI.3 Using Embedded Assessment								83t	Lesson Quiz	Functions