

## Typical Sightings for Algebra 1: Explorations and Applications

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		T12	Chapter overview	Variables
I.2 Conveying Lesson Purpose		55	Learn how to... So you can...	Operations
I.3 Justifying Sequence of Activities		54t	Mathematical Connection	Functions
II.1 Specifying Prerequisite Knowledge		325t	Warm-Up Exercises	Functions
II.2 Alerting Teacher to Student Ideas		37t	Checking Key Concepts	Variables
II.3 Assisting Teacher in Identifying Ideas		30t	Warm-Up Exercises	Variables
II.4 Addressing Misconceptions		58t, 155t	Common Error	Operations
III.1 Providing Variety of Contexts		69-70	Exercises and Applications; Connection	Functions
III.2 Providing Firsthand Experiences		436-441	Exploring Polynomial Equations	Operations
IV.1 Justifying Importance of Standards Ideas		420-423; 420t-423t	Polynomial Functions; Interview Notes	Operations
IV.2 Introducing Terms and Procedures		119-122	Finding Equations of Lines	Variables
IV.3 Representing Ideas Accurately		326	Example 1	Functions
IV.4 Connecting Standards Ideas		262	Connection	Variables
IV.5 Demonstrating/Modeling Procedures		79-80	Example 1; Example 2	Functions
IV.6 Providing Practice		423-428	Adding and Subtracting Polynomials	Operations
V.1 Encouraging Students to Explain Their Reasoning		39	#38	Variables
V.2 Guiding Interpretation and Reasoning		90-91	Portfolio Project	Functions
V.3 Encouraging Students to Think about What They've Learned		176; 176t	Exploration; Exploration Note	Operations
VI.1 Aligning Assessment		187	#27-30, 37	Variables
VI.2 Assessing through Applications		182/182t; 186-187	Portfolio Project; Assessment	Operations
VI.3 Using Embedded Assessment		68t 83/83t	Closure Question #27/Assessment Note	Functions