

Typical Sightings for *Mathematics: Modeling Our World (COMAP/ARISE)*

CRITERION	Average Instructional Ratings								BOOK	PAGE(S)	ACTIVITY	IDEA SET
	0	0.5	1.0	1.5	2.0	2.5	3.0					
I.1 Conveying Unit Purpose									Book 2	382-384	Growth – Unit opening	Functions
I.2 Conveying Lesson Purpose									Book 1	300-303	Line Up	Variables
I.3 Justifying Sequence of Activities									Book 1	567-568	Changing Times	Functions
II.1 Specifying Prerequisite Knowledge									Book 1	282t	Items 1-9	Operations
II.2 Alerting Teacher to Student Ideas									Book 1	510t; 513	Margin notes; First paragraph	Functions
II.3 Assisting Teacher in Identifying Ideas									Book 1	468t-470t	Margin notes	Operations
II.4 Addressing Misconceptions									Book 1	513	Firs paragraph	Functions
III.1 Providing Variety of Contexts									Book 1	108-121	Lesson 5	Operations
III.2 Providing Firsthand Experiences									Book 2	49	The Absolute-Value Game	Functions
IV.1 Justifying Importance of Standards Ideas									Book 1	68	Opening paragraphs	Functions
IV.2 Introducing Terms and Procedures									Book 1	117	Two-Step Topics	Variables
IV.3 Representing Ideas Accurately									Book 1 Teacher's Resources	92-93	Crossing the Line	Operations
IV.4 Connecting Standards Ideas									Book 1	117	Two-Step Topics	Variables
IV.5 Demonstrating/Modeling Procedures									Book 2	47-48	Welcome to the Family	Operations
IV.6 Providing Practice									Book 2	52-61	The Game Plan	Functions
V.1 Encouraging Students to Explain Their Reasoning									Book 1	64-66	The Shift	Operations
V.2 Guiding Interpretation and Reasoning									Book 1	300-302	Line Up	Variables
V.3 Encouraging Students to Think about What They've Learned									Book 2	92-94	Wrapping Up Unit One	Operations
VI.1 Aligning Assessment									Book 3 Teacher's Resources	461-462	A4.6 #2, 3, 8b-c	Variables
VI.2 Assessing through Applications									Book 1 Teacher's Resources	475-477	A2.5 #1, 7; A2.6	Variables
VI.3 Using Embedded Assessment									Book 2	58/58t	#12/ Margin notes	Operations