

## Typical Sightings for *Interactive Mathematics Program (IMP)*

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								Year 3 Small World, Isn't It?	281; 359	As the World Grows; Return to Small World, Isn't It?	Functions
I.2 Conveying Lesson Purpose								Year 1 The Overland Trial	35t-36t	Discussion of Homework 4	Variables
I.3 Justifying Sequence of Activities								Year 2 Solve It!	xxvii-xxix - teacher edition	"Solve It!" Overview	Operations
II.1 Specifying Prerequisite Knowledge								Year 2 Cookies	340-341	Get the Point #1; Homework 15 #1	Operations
II.2 Alerting Teacher to Student Ideas								Year 3 Small World, Isn't It?	20t-21t	Discussion Part II	Functions
II.3 Assisting Teacher in Identifying Ideas								Year 3 Fireworks	25-26/ 57t-59t	Who's Perfect?; More about Perfection	Operations
II.4 Addressing Misconceptions								Year 2 Cookies	13t-14t	Homework 2: Investigating Inequalities	Variables
III.1 Providing Variety of Contexts								Year 2 Solve It!	15	Homework 4: Running the Overland Trial	Variables
III.2 Providing Firsthand Experiences								Year 1 The Overland Trial	209 48t, 50t	Homework 6: Shoelaces	Variables
IV.1 Justifying Importance of Standards Ideas								Year 3 Pennant Fever	213t-216t	Homework 27: Binomials and Pascal – part II	Operations
IV.2 Introducing Terms and Procedures								Year 2 Cookies	307; 310	My Simplest Inequality; Homework 3: Simplifying Cookies	Operations
IV.3 Representing Ideas Accurately								Year 2 Solve It!	40-41/ 102t-105t	Homework: 13 Why Are They Equivalent?	Operations
IV.4 Connecting Standards Ideas								Year 3 Small World, Isn't It?	358	Homework 30: Beginning Portfolio – Part I	Functions
IV.5 Demonstrating/Modeling Procedures								Year 2 Solve It!	31-32	Homework 10: What Will It Answer?	Functions
IV.6 Providing Practice								Year 1 Patterns	126t-127t	Homework 16: Another In- Outer	Variables
V.1 Encouraging Students to Explain Their Reasoning								Year 3 Fireworks	29/ 64t-65t	Homework 7: Make Your Own Vertices	Functions
V.2 Guiding Interpretation and Reasoning								Year 1 The Overland Trial	53t-55t	Discussion of Homework 7	Variables
V.3 Encouraging Students to Think about What They've Learned								Year 3 Small World, Isn't It?	362-363/ 228t	Homework 32: Small World, Isn't It? Portfolio	Functions
VI.1 Aligning Assessment								Year 2 Cookies	314; Teacher's Guide xxxi	Homework 4: Inequality Stories #1, 2; Grading	Variables
VI.2 Assessing through Applications								Year 2 Cookies	195t-198t	Take Home Assessment	Operations
VI.3 Using Embedded Assessment								Year 2 Cookies	357; Teacher's Guide xxxi	Classwork: Producing Programming Problems; Grading	Functions