

Typical Sightings for *Math Advantage*

Criterion	Average Instructional Ratings	Book	Page(s)	Activity	Benchmark
	0 0.5 1.0 1.5 2.0 2.5 3.0				
I.1 Conveying Unit Purpose		Middle School I	T96A	Troubleshooting	Not Benchmark Specific
I.2 Conveying Lesson Purpose		Middle School II	174	What You'll Learn	Not Benchmark Specific
I.3 Justifying Sequence of Activities		Middle School II	170	Look Ahead	Not Benchmark Specific
II.1 Specifying Prerequisite Knowledge		Middle School I	T86	Organizer, Motivate	Number Skills
II.2 Alerting Teacher to Student Ideas		Middle School II	T306	Common Error Alert	Geometry Concepts
II.3 Assisting Teacher in Identifying Ideas		Middle School III	T44	Motivate	Number Concepts
II.4 Addressing Misconceptions		Middle School I	T306	Common Error Alert	Geometry Concepts
III.1 Providing Variety of Contexts		Middle School II	405	Using Appropriate Graphs	Algebra Graph Concepts
III.2 Providing Firsthand Experiences		Middle School I	84	Equivalent Fractions	Number Skills
IV.1 Justifying Importance of Benchmark Ideas		Middle School I	302	Why Learn This?	Algebra Equation Concepts
IV.2 Introducing Terms and Procedures		Middle School II	181–182	Linear Equations	Algebra Equation Concepts
IV.3 Representing Ideas Accurately		Middle School II	534–535	Graphs and Pictures	Algebra Graph Concepts
IV.4 Connecting Benchmark Ideas		Middle School III	T153	Teach/Practice	Algebra Equation Concepts
IV.5 Demonstrating/Modeling Procedures		Middle School III	532–533	Pythagorean Property	Geometry Concepts
IV.6 Providing Practice		Middle School I	108–109	Math Fun/Review	Number Skills
V.1 Encouraging Students to Explain Their Reasoning		Middle School I	331	Review	Number Concepts
V.2 Guiding Interpretation and Reasoning		Middle School I	408–410	Areas of Triangles and Parallelograms	Geometry Skills
V.3 Encouraging Students to Think about What They've Learned		Middle School III	T319	Assessment Tip	Algebra Graph Concepts
VI.1 Aligning Assessment		Middle School I	419	Review	Geometry Skills
VI.2 Assessing through Applications		Middle School I	331	Review	Number Concepts
VI.3 Using Embedded Assessment		Middle School III	T505	Assessment Tip	Geometry Skills
VII.1 Providing Teacher Content Support		Middle School II	T494A–B	Troubleshooting	Not Benchmark Specific
VII.2 Establishing a Challenging Classroom		Middle School I	15	Team-Up Project	Not Benchmark Specific
VII.3 Supporting All Students		Middle School I, II, III Middle School II	D21–22 T494A–B	Meeting Individual Needs Troubleshooting	Not Benchmark Specific