

**Figure 1.2 High-Impact Literacy Approaches at Each Phase of Learning**

Surface Learning		Deep Learning		Transfer Learning	
Strategy	ES	Strategy	ES	Strategy	ES
Wide reading (exposure to reading)	0.42	Questioning	0.48	Extended writing/writing programs	0.44
Phonics instruction	0.54	Concept mapping	0.60	Peer tutoring	0.55
Direct instruction	0.59	Close reading (study skills)	0.63	Problem-solving teaching	0.61
Note-taking	0.59	Self-questioning	0.64	Synthesizing information across texts	0.63
Comprehension programs	0.60	Metacognitive strategy instruction	0.69	Formal discussions (e.g., debates)/classroom discussion	0.82
Annotation (study skills)	0.63	Reciprocal teaching	0.74	Transforming conceptual knowledge	0.85
Summarizing	0.63	Class discussion	0.82	Organizing conceptual knowledge	0.85
Leveraging prior knowledge/prior achievement	0.65	Organizing and transforming notes	0.85	Identifying similarities and differences	1.32
Vocabulary instruction	0.67	Cooperative learning 0.59			
Repeated reading	0.67				
Spaced practice	0.71				
Expectations of teacher 0.43					
Teacher clarity 0.75					
Feedback 0.75					
Student expectations of self 1.44					

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