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Changes in Other Domains -- Processes Underlying the Transition at 9 Months -- Consolidation of the Second Attention System and the Transition at 18 Months -- Developments in Patterns of Looking -- The 18-Month Transition -- Processes Underlying the 18-Month Transition -- The Preschool Years and Increasing Control of Attention -- Behavioral Evidence -- Processes Underlying Development from 2 to 5 Years -- Summary -- 4. Scanning, Searching, and Shifting Attention -- Shifting Attention -- Scanning -- Shifting Attention Between Events -- Visual Search and Expectation -- Nonobservable Shifts of Attention -- Summary -- 5. Development of Selectivity -- Changing Visual Preferences in the First Few Months -- A Shift from Quantitative to More Qualitative Bases for Selection -- Neural Underpinnings for the Shift in Selectivity at 2 to 3 Months -- Selection Based on Perceptual Experience -- Selection of Novel Objects and Events -- Selection of Novel Locations -- Selection Based on Motivational Relevance. Social and Emotional Consequences of People -- Selection Based on What Is Relevant to New Motor Skills -- Selecting What Others Select -- Summary -- 6. Development of Attention as a State -- Engagement and Disengagement of Attention -- Initiation -- Engagement -- Disengagement and Termination of Attention -- Factors that Sustain Engagement -- Arousal -- Cognitive Factors -- Mutual Influences of Attention and Other States -- Summary -- 7. Focused Visual Attention and Resistance to Distraction -- General Conceptual Issues -- Framework for Development -- Orienting/Investigative System -- System of Higher Level Control -- Development of Two Systems of Attention -- Implications for Distractibility -- Conceptual Issues in the Study of Distractibility -- Common Mechanisms -- Developmental Changes in Mechanisms -- Can Distractors Help Performance? -- Summary -- 8. Increasing Independence in the Control of Attention -- Adult as Regulator -- The Role of the Parent in State Control -- Shared Attention to Objects -- Cultural Influences -- The Shift from Other-Regulation to Self-Regulation -- Increased Awareness of Attention in Self and Others -- The Role of Changing Motivations -- Volitional Skills -- Summary -- 9. Attention in Learning and Performance -- Learning and Performance as Defining Aspects of Attention -- Does Attention Enhance Learning and Performance? -- Behavioral Evidence for the Role of Focused Attention -- Physiological Differentiation -- Specific Types of Learning -- Discrimination Learning -- Sequence Learning -- Observational Learning -- Attention and Practice of New Skills -- Practice of Emerging Motor Skills -- Attention to Emerging Cognitive Skills -- Effort Involved in Emerging Use of Strategies -- Summary -- 10. Individual Differences in Attention -- Studying Individual Differences -- Individual Differences in Aspects of Attention. Reactivity -- Sustained Visual Attention -- Focused Attention -- Related Dimensions of Individuality -- Motor Activity -- Higher Level Control of Impulses -- Attention and Emotionality -- Summary -- 11. Early Manifestations of Attention Deficits -- Attention Deficits in School-Age Children -- Excess Motor Activity and Attention -- Relating Disorders to Different Processes -- Possible Precursors of Attention Deficits with Hyperactivity -- Early Signs of Hyperactivity -- Developmental Patterns -- Precursors to Attention Deficits Without Hyperactivity -- Attention Deficits in Other Conditions -- Infants with Regulatory Disorders -- Impaired Attention in Autistic Children in Social Situations -- Underlying Deviations in Early Attention Deficits -- Attention Deficit as Neurodevelopmental Lag -- A Temperament Approach to Attention Deficits -- Hypotheses About Optimal Arousal Level -- Imbalances of Activation and Inhibition -- Summary -- 12. Individuality and Development -- Origins of Individual Differences --

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