

# Chapter 12 Intellectual Development from One to Three

## Section 12.1 Brain Development from One to Three



### Note Taking

**Directions** As you read, write notes, facts, and main ideas in the Note Taking column. Write key words and short phrases in the Cues column. Then summarize the section in the Summary box.

Cues	Note Taking
<ul style="list-style-type: none"> <li>neuroscience</li> <li>incidental learning</li> <li>attention</li> </ul>	<p><b>BRAIN DEVELOPMENT</b></p> <ul style="list-style-type: none"> <li>The brain plays a major role in directing behavior and determining intelligence.</li> </ul> <p><b>METHODS OF LEARNING</b></p> <ul style="list-style-type: none"> <li>Much of what children learn comes from everyday experiences and play.</li> </ul> <p><b>INTELLECTUAL ACTIVITY AREAS</b></p> <ul style="list-style-type: none"> <li>The seven areas of intellectual activity develop throughout life.</li> </ul>
<p style="text-align: center;"><b>Summary</b></p> <p>Intelligence is determined by heredity and environment.</p>	

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# Chapter 12 Intellectual Development from One to Three

## Section 12.2 Encouraging Learning from One to Three



### Note Taking

**Directions** As you read, write notes, facts, and main ideas in the Note Taking column. Write key words and short phrases in the Cues column. Then summarize the section in the Summary box.

Chapter 12

Cues	Note Taking
<ul style="list-style-type: none"> <li>• reading readiness</li> </ul>	<p><b>READINESS FOR LEARNING</b></p> <ul style="list-style-type: none"> <li>• Children need to have acquired certain skills before they are ready to read or learn basic math concepts.</li> </ul>
<ul style="list-style-type: none"> <li>• inborn ability</li> </ul>	<p><b>LANGUAGE ABILITIES</b></p> <ul style="list-style-type: none"> <li>• From one to three years of age, children's language skills grow rapidly.</li> </ul>
<ul style="list-style-type: none"> <li>• play affects motor skills and social skills</li> </ul>	<p><b>PLAY ACTIVITIES AND TOYS</b></p> <ul style="list-style-type: none"> <li>• Toys play an important role in the development of one- to three-year-olds.</li> </ul>
<p style="text-align: center;"><b>Summary</b></p> <p>Parents and caregivers can encourage reading and math readiness during play and everyday activities.</p>	