



**APPENDIX
A1**

The ADD/ADHD Iceberg Chart

The Tip of the Iceberg—the obvious ADD/ADHD behaviors:

HYPERACTIVITY	IMPULSIVITY	INATTENTION
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

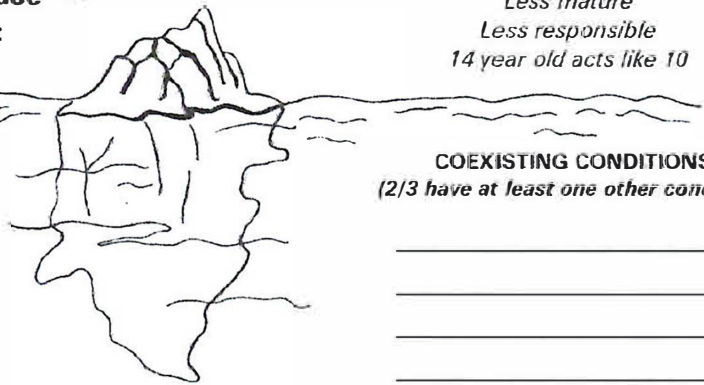
**“Hidden Beneath the Surface”—
the not-so-obvious behaviors:**

NEUROTRANSMITTER DEFICITS IMPACT BEHAVIOR
Inefficient levels of neurotransmitters (norepinephrine, dopamine, and serotonin) result in reduced brain activity on thinking tasks

WEAK EXECUTIVE FUNCTIONING

SLEEP DISTURBANCE (56%)

IMPAIRED SENSE OF TIME



**3 YEAR BRAIN MATURATION
30% DEVELOPMENTAL DELAY**
*Less mature
Less responsible
14 year old acts like 10*

COEXISTING CONDITIONS
(2/3 have at least one other condition)

SERIOUS LEARNING PROBLEMS (90%)
(Specific Learning Disability; 25-50%)

ADD/ADHD is often more complex than most people realize! Like icebergs, many problems related to ADD/ADHD are not visible. ADD/ADHD may be mild, moderate, or severe, is likely to co-exist with other conditions, and may be a disability for some students.

NOT LEARNING EASILY FROM REWARDS AND PUNISHMENT

LOW FRUSTRATION TOLERANCE
(Difficulty Controlling Emotions)

