

**The Brain's Innate Resources
and
The Five Rules of the Brain**

We're Born to Learn, pages 71-72

All that students need in order to be successful learners are the brain's innate resources, the teachers' belief in and reliance on these resources, which students can—and want to—use, and curricula and lesson plans that comprise the five rules of the brain.

The Brain's Innate Resources

1. The brain's natural learning process
2. The brain's innate sense of logic
3. The brain's innate pattern-seeking
4. The brain's innate problem-solving
5. The brain's innate motivation

The Five Rules of the Brain

1. Dendrites grow only from what is already there.
2. Dendrites grow for what is practiced.
3. Dendrites grow from stimulating experiences.
4. Use it or lose it.
5. Emotions affect learning.

**Brain-Based Principles for Creating and Implementing
Natural-Learning Curricula and Lesson Plans**

We're Born to Learn, pages 126-129

1. People learn what they practice.
2. Every further step in improvement must be built on the foundation of the previous step.
3. Learners must start by making a personal connection with something they already know.
4. The activity and inter-activity must be as high as possible.