



## SIX RED MARBLES BRAIN-BASED CURRICULUM

We've reviewed the research, we've consulted the experts and we care about kids—we just want them to learn more, better and faster. There's a lot that we know, and we apply it in every tool we build.

**Whole Brain Learning:** The Six Red Marbles *Natural Learning Approach* engages the whole brain. Whether specific curricular activities are designed primarily for the left brain or the right brain, we engage the whole brain. Because we know this supports learning best.

We're informed by whole-brain research on:

- Perception
- Attention
- Short and long-term memory
- Sequence learning
- The role of novelty in motivation and learning
- Emotions and anxiety
- Concept and rule formation
- How people learn mathematics and language
- Linguistic, procedural and kinesthetic learning and performance
- The need for differentiated instruction
- Motivating whole brains to nurture whole kids

**Engaging Emotions to Inspire Progress:** We know about the interactive patterns of emotion and understanding. We evaluate students' past experiences, and we research how they feel about learning. We keep our activities engaging so we can keep students' emotions positive. When they're exploring complex systems, kids are having too much fun to feel frustrated—even as our adaptive curriculum changes content to meet individual needs. All gain, no pain.

By acknowledging kids' emotions, we free ourselves to enlist them as an important ally. Positive emotions help kids learn to understand, to apply what they've learned, to transfer information efficiently and to be good communicators. We can support them to become better problem-solvers and help them see the connections between their schoolwork and everyday experiences. We just need to focus on unleashing good feelings.

**Intuitive Technology:** Everything we create is simple, straightforward and easy to use. Research guides our process—it even informs us how to design visual displays. But we don't just design the content of our programs, we design the interactivity itself. We want our technology to get kids excited to learn—and then get out of the way, so kids get directly involved with activities and content.

**Supporting Teachers:** The Six Red Marbles *Natural Learning Approach* is also a valuable tool for teachers, who need to continually analyze their students' activities and shape lesson plans around what kids need. As they integrate a *Six Red Marbles solution* into their learning plans, teachers follow every student's progress and performance against standards. Feedback reports are both formative (continual, interactive) and summative. Teachers gain a new tool for understanding each kid's natural learning patterns.

We believe in providing a framework for software-supported lesson plans. We combine the pillars of traditional educational curriculum with the most innovative new methods. Our content and activities are layered, because whole brain learning is layered. We always provide a balance of individual and group work. There's dedicated time for lectures vs. personal discovery. Assessments focus on process as well as outcomes—so that teachers not only know how their students are doing, but why.

**Doing Right By Our Kids:** By keeping our programs fun, Six Red Marbles curriculum motivates kids to meet serious goals—and master content to standards. Failing or performing below level can be hard on a kid. The Six Red Marbles *Natural Learning Approach* brings new content and lessons to students at the moment they're ready. Adaptive curriculum respects every child's need to learn at its own pace, and we provide tons of positive reinforcement along the way.

Keeping kids excited does more than help them in school. Neuroscience has a lot to say about motivation, values and decision-making. It explains how awareness and self-consciousness lead to conscience, how team members cooperate and compete, and how new teaching methods can benefit individuals and all of society. Software is an important tool for motivating students, and we think about motivations when we design our curriculum. Because we know that a motivated child becomes a healthy person.

That's all we really want. For kids to do well in school, and be happy.

**For more information, please visit: [www.sixredmarbles.com](http://www.sixredmarbles.com)**