# SEE-N-READ® READING TOOLS

*Lay it on the page and Simply Read!*

## Fact Sheet Summary

**What is a SEE-N-READ® Reading Tool?**
- It is a research-based and classroom-tested reading tool (U.S. Patent No. 7,954,444) that helps readers to see, focus, and remember what they read.
- Helps readers to concentrate on and **track** text and smoothly move across the words being read without losing their place, even when changing lines
- Helps readers control their eye movements across the text on a page.

**Who may need SEE-N-READ®?**
- Readers of any age who *skip words* or *lines* while reading or have trouble focusing their eyes (they may say "The words *move* on the page"…this is called *pattern glare*).
- Readers with reading performance or skill deficiencies; fatigued readers.

**What we know about Left to Right Eye Movement and Reading:**
- The act of reading left to right is **not** an innate skill. The left to right reading process is a learned act. Some readers manage this process easily and others need help to smoothly move their eyes across a page of text. This is usually a trainable issue.

**Why does SEE-N-READ® work?**
- Clear "ReadBar™" keeps readers' eyes focused on the proper line (controls 'visual field')
- Shaded transparent areas filter out distractions on the page (other text, pictures) without blocking surrounding context, so readers' eyes see larger 'chunks' of text.
- Supports control of eye movement for smooth reading and line transitions left to right and top to bottom ("sweeping"), the same way accomplished readers' eyes move.

**How is SEE-N-READ® used?**
- *Lay it on the page and simply read* the text in the clear window, moving SEE-N-READ® down the page. Some improvement is immediate…no 'training' is necessary to start.
- *Re*-read through the upper shaded transparent area without moving the tool on the page, thus keeping the reader's place, a common issue for word and line skippers.
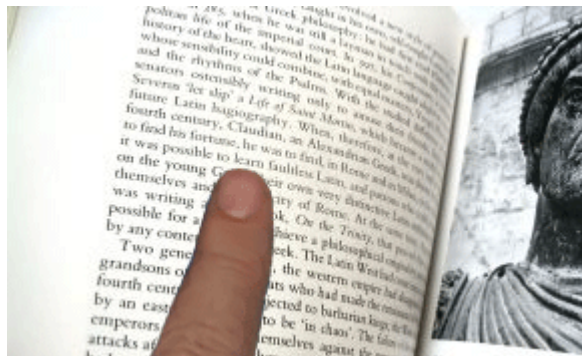
**How versatile is SEE-N-READ®?**
- SEE-N-READ® can be used with **any** reading material or with **any** programs directed at building fluency and comprehension.
  - SEE-N-READ® comes in two sizes: "Book" (5 ½" x 3" for smaller books) and "Document" (8 ½" x 3" for larger books and printed documents).
  - The clear reading window fits most commonly used font sizes (up to 20 font).

**How affordable is SEE-N-READ®?**
- Improves reading for less than some people spend for a cup of coffee

Made in USA!

# Tracking

- Tracking skills, or the ability to control the fine eye movements required to follow a line of print, are especially important in reading. Children with tracking problems will often lose their place, skip or transpose words, and have difficulty comprehending because of their difficulty moving their eyes accurately. Many are forced to use their fingers to follow the line because their eyes can't.

- When we read, our eyes don't move smoothly across the line. Instead, our eyes make a series of jumps and pauses as we read. The small jumps between words or groups of words are called *saccades*. The brief pause we make while looking at the words is called a *fixation* (Information intake occurs at this point). After a fixation, our eyes move to the next word/group of words—another saccade.

- This very precise coordination of jumps and pauses is controlled by our central and peripheral visual systems. Our central vision processes what we're seeing in clear detail and defines <u>what</u> we're looking at. Our peripheral, or side vision, simultaneously locates surrounding objects and let's us know <u>where</u> to look. (These two systems are sometimes referred to as the "Where is it?" and "What is it?" systems.) In reading, our central vision processes the word, while our side vision locates the following word and tells us where to aim our eyes next. The integration of these two systems is what allows us to efficiently move our eyes along a line of print without overshooting or undershooting, or mistakenly aiming our eyes at lines above or below. If there is not continuous, fluid, simultaneous integration between these two systems, reading will be jerky, loss of place will be common, and comprehension will be poor.

- Children with tracking problems can't control their eye movements at close ranges. Go to the following web address and scroll down to "tracking" to see an illustration of how their eyes move during reading, especially as they fatigue: http://www.childrensvision.com/reading.htm . Additional visual problems are also illustrated.

The photo above, with only a finger as a guide, allows interference from surrounding text and does not inhibit word and line skipping. See-N-Read® enhances focus on an entire line of text without obscuring context, thus limiting word and line skipping while improving *chunking* and *sweeping*.