



# Read Between the Lions

Saccadic Fixation\* Screening  
for Reading Skills

[www.e-district.org/sites/welsee/page-6.php](http://www.e-district.org/sites/welsee/page-6.php)

Screening Procedure Instructions



\*Saccadic fixation is defined as a keystone visual skill required for reading. Saccadic eye movements are the micro jump eye movements used in reading and are a result of the simultaneous and coordinated use of 12 different extra-ocular muscles, 4 intra-ocular muscles, and 4 separate cranial nerves.

Before you begin screening, it is important to take a few minutes to review the below information regarding the Screening procedure. These are some of the proven techniques and guidelines that you are encouraged to become familiar using during the screening process.

## GET STARTED:

1. Seat the person in a well-lit area. If the person wears glasses or contact lenses for reading, they should be worn for screening.
2. Record the name, age, and date on the result sheet.
3. Explain the screening process: This is a screening to determine if your eyes are moving together as they should during reading. You will be timed as you read lines of numbers (1, 2, 3) out loud as quickly as you can, trying not to make any errors. (Show the Cover Sheet)

## DEMONSTRATION:

4. Show the Demonstration page. The arrows connecting the numbers on each line show the direction you should read the numbers. You start at the top left and read from left to right. When you reach the last number at the end of each line, move down to the next line and read from left to right as the arrows show; just as you read a book.

## PAGES ONE, TWO, AND THREE:

5. There are three screening pages that each get harder. Please hold the screening page at normal reading distance. You cannot use your finger to help you follow the numbers. Please try to use your eyes only as you read back and forth, trying not to move your head. Timing starts when you read the first number on the top line and stops when you read the last number on the bottom line. Then we will continue with the next pages. Read the numbers as quickly as you can, trying not to make any errors. Do you have any questions?

## SCREENING PROCEDURE:

6. Have the result sheet, a working stopwatch, and a pen with ink ready to use. Ask the person to turn to Page One and begin reading the numbers when they are ready (**do not tell them when to start**). Timing starts when the person reads the first number and stops when the last number is read. Record the time taken for Page One. Clear the stopwatch and follow the same screening process for Page Two and Page Three. Total time and errors for all three screenings should be calculated and recorded for total results. (Screening Comments may include observations such as uses finger, moves head, looks around, really tired, may need glasses, etc.)

An error should be recorded for any mistake, including each number skipped or added. **Do not record a mistake that is quickly corrected.** Please note that a skipped line is recorded as five errors. Use the Screening Splits for 1 and 2 only to record results for children 10 or younger that do not complete Page Three.

Total screening results are recorded as: **AA - Age Appropriate**, **B - Borderline**, and **AR - At Risk**

Please note that with enough remediation all persons with **At Risk** and **Borderline** results (identified with a saccadic fixation dysfunction) will benefit from the repetitive focusing techniques that comprise the remediation regimen. Read Between the Lions offers 21 remediation steps that are proven to train eye muscles to work together more efficiently and help achieve saccadic fixation.

The Read Between the Lions Saccadic Fixation Screening and Remediation Regimen for Reading Skills is an adaptation by the Washoe County Lions Sight Conservation Committee (Lions Clubs International -- District 46). The Committee adapted the NYSOA King-Devick Test®, which was developed in 1983 to check for saccadic fixation for reading skills. Saccadic fixation is determined by how well a person's eyes are working together to jump from one point to the next. The saccadic fixation remediation regimen is an adaptation of Percon Saccadic Fixation Level 1 and 2.

