

UNDERSTANDING THE VIZUAL EDGE EDGE SCORE & ASSESSMENT

Vizual Edge is an industry-leader in visual skills assessment and training using its web-based program, the Edge Trainer. Athletes from all sports and every level have the opportunity to improve their visual skills using the Edge Trainer, which Vizual Edge has found has led to improved athletic performance.

The Visual Skills Assessment

Every athlete begins their Vizual Edge journey by completing a baseline evaluation. The web-based evaluation allows for better insight into where an athlete's **strength and weaknesses** are in their **core-six visual skills**. The Vizual Edge assessment is widely used in youth, high school collegiate and professional baseball, including several MLB scouting departments who look for additional metrics when making drafting decisions.

Understanding The Edge Score

During the evaluation, an athlete is assessed on six individual exercises, each one testing a core-six visual skill:

- **Alignment** – Proper alignment creates no difference between the perceived location and actual location of an object.
- **Depth Perception** – Uses both eyes to locate objects in space to judge their distance, speed, and direction.
- **Convergence** – The ability to focus on objects within close proximity and judge their movement and impact.
- **Divergence** – The ability to locate objects in the distance, impacting an athlete's ability to anticipate and react.
- **Recognition** – The ability to observe, process and recall a series of visual targets, and respond properly.
- **Tracking** – Allows an athlete to process and follow an object while always monitoring all aspects of the game.

Each of the above skills are tested separately during an athlete's evaluation, and each is weighted based on reaction speed, accuracy or station score, depending on the exercise.

An athlete's **Edge Score** is a comprehensive score out of 100 that takes all core-six visual skills into account. The Edge Score is calculated into one weighed overall score that provides athletes, parents, coaches and scouts with a benchmark number for assessing the athlete's overall visual ability.

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Breaking Down The Edge Score In Baseball

While the Edge Score provides a composite score for a player’s overall visual processing skills, each of the individual core-six visual skills play a critical role and can impact a player’s performance while on the field and in the box.

Alignment	Depth Perception	Convergence
<ul style="list-style-type: none"> ➤ Timing of swing ➤ Crispness and decisiveness in movements 	<ul style="list-style-type: none"> ➤ Timing of swing ➤ Judging the ball’s spin, speed and trajectory 	<ul style="list-style-type: none"> ➤ Ability to focus on incoming pitches ➤ Hitting high-velocity pitches
Divergence	Recognition	Tracking
<ul style="list-style-type: none"> ➤ Ability to locate the ball out of the pitcher’s hand/early pitch detection ➤ Ability to pick up spin/movement early 	<ul style="list-style-type: none"> ➤ Ability to pick up pitch type and pitcher cues ➤ Baseball IQ and anticipation 	<ul style="list-style-type: none"> ➤ Overall reaction speed ➤ Monitoring of a developing play & tracking of the ball

Vizual Edge’s database of more than 15,000 MLB draft prospect evaluations has allowed us to draw correlations between on-field performance and visual skills. In nearly every statistical category during the 2019 MLB regular season, **players with better visual skills performed better at the MLB level**, particularly in overall plate discipline, hard ball %, OBP and more.

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Why It's Important To Know Your Edge Score

As a young athlete, it is especially important to assess where your visual skills are currently at. The earlier you can identify the strengths and weaknesses of your visual skills, the sooner you can train to improve them and reach your true athletic potential to have a better chance to make an impact at the next level.

Vizual Edge has seen over the last decade that the higher the Edge Score, the better overall visual skills an athlete possesses, which generally is correlated with better on-field performance. It is also important as a parent, coach or scout to better understand what an athlete's Edge Score means as it relates to their success on the field.

Athletes	Parents	Coaches	Scouts
Athletes who are serious about their performance use their Edge Score to help them become a more competitive candidate for pro sports. If an athlete's Edge Score is low, training on the Edge Trainer can help improve their visual skills.	The Edge Score provides a personal baseline to measure where your athlete's visual skills are currently at. Through training, following and showing improvement demonstrates your child's dedication to performance and potential as an athlete.	While individuals can get their Edge Score, coaches can find out the Edge Score of a specific individual or the team as a whole, providing you with additional player assessment tools and methods to improve their game.	Currently widely used by MLB scouting departments, an athlete's Edge Score provides MLB scouts with an additional assessment tool and further insight as to how an athlete's visual skills can perform at the MLB-level.

General Baseball Edge Score Trends

