

# HOCKEY GUIDE IQ

FOR PARENTS



Smarter on The Ice.  
Stronger off It.

# TABLE OF CONTENTS



## CHAPTER 1

What is Hockey IQ?

## CHAPTER 2

Goalie IQ vs. Player IQ

## CHAPTER 3

Hockey IQ by Position

## CHAPTER 4

What Parents Really Need to Know About Hockey IQ

## CHAPTER 5

Drill Types & Purpose

## CHAPTER 6

What Hockey IQ Progress Looks Like

## CHAPTER 7

Common Myths About Hockey IQ

## CHAPTER 8

The Brain Behind the Bench

## CHAPTER 9

A Day in the Life of IQ Training

## CHAPTER 10

Where to Start



**Hockey IQ is the mental engine behind the game: smart reads, fast reactions, and confident decisions. And yes, it can be trained.**

When we think of elite hockey players, we often picture speed, skill, and strength. But ask any coach, scout, or NHL vet what separates the best from the rest, and you'll hear the same thing: Hockey IQ. It's the game within the game – the ability to read plays, make quick decisions, and anticipate what's coming next.

# WHAT IS HOCKEY IQ?

Hockey IQ isn't just one skill. It's a combination of mental abilities – spatial awareness, pattern recognition, decision speed, and situational understanding. It's the reason some players always seem one step ahead.

The good news for parents? Hockey IQ isn't something your player is simply born with. It's trainable, just like skating or shooting. The brain, like the body, improves with reps. With the right tools and focus, players can sharpen their Hockey IQ at home, away from the rink, and year-round.

Video breakdowns and targeted off-ice drills in realistic virtual and mixed reality now make it possible to build "game sense" without being on the ice. Players learn to recognize patterns, predict opponent behaviors, and make better decisions, all in less time and with more confidence.

As former NHL defenseman Andrew Alberts puts it:

“

**Without the cognitive component, players rely solely on physical technique and reaction. By strengthening decision-making skills, they learn to anticipate plays and elevate their game for a skilled performance.”**

Whether your player is chasing their first goal or pushing toward top-level hockey, building Hockey IQ is one of the smartest investments you can make in their development.

► Members can start with our Diagnostic Tool to see how quickly your player thinks.

# GOALIE *vs* PLAYER IQ

Every position sees the ice differently. Learn how hockey sense, decision-making and anticipation work differently for goalies vs. skaters.

S

Not all Hockey IQ is the same. The way a goaltender reads a play is fundamentally different from how a forward or defenseman processes the game. But at every position, smart decision-making is essential AND trainable.

K

A

**For skaters,** Hockey IQ shows up in things like scanning the ice before receiving a pass, choosing smart lanes for support, knowing when to shoot or pass, and understanding the flow of the game. It's about controlling space, reacting under pressure, and staying mentally one step ahead.

T

E

Situational awareness is another piece of the puzzle. Smart skaters learn to adjust their decisions based on score, time remaining, and opponent tendencies. The right play when you're up by a goal late in the third period isn't the same as when you're chasing a comeback. Players with strong Hockey IQ process these variables faster, which gives them a major advantage. Decision-making is often the difference between a successful breakout and a costly turnover.

R

S





**The best saves are made before the shot is taken,” says Brian Daccord, a longtime NHL goalie coach and cognitive training pioneer.**



G

O



**For goaltenders,** Hockey sense is about seeing the play before it gets to them. It's not just reflexes, it's reads. Great goalies anticipate whether a pass will go backdoor, where the rebound might land, or when a shooter is disguising their release point. It's a combination of visual processing, body positioning, and scenario recognition.

A

L

This is why NHL Sense Arena's drills are built specifically for each position. Goalies can train backdoor reads, screen management, and lateral movement timing, all with mental load and decision stress built in. Meanwhile, skaters work on scanning habits, reading defenders, and making better in-motion decisions.

I

E

Whether your player is between the pipes or along the boards, developing the right kind of IQ for their position helps them play smarter, faster, and more confidently. And when both goalies and skaters are reading the play at a high level, the whole team benefits.

S

► [Explore our Goalie and Player drill collections in NHL Sense Arena.](#)

# HOCKEY IQ

by position

Smart hockey looks different depending on where you play. Here's what to watch for.

Hockey IQ is necessary for all positions, but it shows up differently for each player and scenario. Understanding the key mental demands of each role can help you better support your player's development and recognize where growth is happening.

## FORWARDS (CENTERS & WINGERS)

Forward IQ is about time and space. Centers, especially, are the brains of both ends. They take faceoffs, play two-way hockey, and often lead the transition game. Smart centers anticipate where pressure is coming from and direct the flow.

Wingers, meanwhile, need to make quick decisions on the walls, win puck battles, and react rapidly in the offensive zone. High IQ wingers know when to cut, when to chip pucks, and how to make fast reads in tight spaces.

## DEFENSEMEN

Defenders with high IQ steer plays instead of chasing them. Smart defense means managing gap control, maintaining stick positioning, and making clean outlet passes under pressure. The best D-men know how to neutralize a rush before it becomes a threat.

FF

As a forward, the game slows down when you know what to look for," says PWHL and Team USA standout Taylor Heise.

TAYLOR HEISE, PWHL FORWARD



JOEY DACCORD, SEATTLE KRAKEN



**Reacting to pucks is only half the battle,” says NHL professional goaltender Joey Daccord. “The other half is reading the play.”**

As mentioned earlier, goalie IQ is about reading play development and recognizing threats before the shot is taken. This mental edge leads to better positioning, calmer movements, and more consistent stops.

No matter the position, developing IQ means making more effective decisions, reacting faster, and contributing to team success. It’s the glue that ties skill, speed, and effort together.

▶ [Explore our Goalie and Player drill collections in NHL Sense Arena.](#)

# WHAT PARENTS REALLY NEED TO KNOW ABOUT HOCKEY IQ

**You don't need to be a hockey expert to help your kid get smarter on the ice. Here's what actually works.**

Parents often ask the same questions: "How do I help my kid get better when they're not on the ice?" or "Is this mental training stuff age-appropriate?" The short answer? Yes! And it might be the most important thing you can do.



**"IQ work is what helps kids stand out — even when they're not the fastest or biggest on the team,"**

says Andrew Alberts, NHL veteran

Cognitive development in sports is not just for pros. In fact, the earlier players build habits around awareness, decision-making, and anticipation, the more natural these skills become under pressure.

Many players spend hours on skating and shooting, but few intentionally train their brain. Yet Hockey IQ is what helps players stand out when the puck drops. It's what allows smaller, slower kids to outplay bigger, faster ones. It's what builds confidence, reduces panic under pressure, and leads to smarter, safer plays.

Studies on "perceptual-cognitive training" have found that athletes who actively train scanning, anticipation, and reaction speed can transfer those gains directly to in-game performance. That's why elite programs in soccer, basketball, and even tennis now include vision training, VR simulations, and situational drills as core parts of their curriculum, not just as add-ons.



With tools like NHL Sense Arena, your player can get mental reps from home, even in 15 to 20-minute sessions. Whether it's scanning drills, passing simulations, or pre-game warmups, the goal is the same: help your child think the game faster.

This kind of training is designed for kids, scales with age, and requires no gear or rink time. It's safe, measurable, and easy to fit into even the busiest schedules.

▶ [Download our "Hockey IQ at Home" Checklist for easy ways to support your player.](#)

# DRILL TYPES & PURPOSE

Different hockey drills train different cognitive skills. Here's a breakdown of what they are, and why they matter.

Hockey IQ isn't built by just "watching more hockey." It takes targeted reps. That's why NHL Sense Arena groups its drills into categories that reflect the specific cognitive skills players need to thrive on the ice.

## 1. READ & REACT

These drills challenge players to make split-second choices. Puck support, passing options, zone entry decisions, while under time pressure. This trains fast decision-making under stress.



## 2. SCANNING & AWARENESS

Before you make a play, you have to read the play. These drills improve off-puck scanning, helping players learn to gather info before receiving the puck or defending a rush.



## 3. PASSING IQ

Players practice choosing the best option, not just the most obvious one. These reps simulate game-like pressure, building the kind of vision needed to succeed at higher levels.



## 4. SHOOTING IQ

Shot placement and timing drills simulate different goalie looks and help players read the defender or screen to take better, more dangerous shots.



▶ [Watch demo videos of each drill type in action.](#)

## 5. GOALIE READS

For goalies, this category focuses on screen recognition, cross-ice passes, lateral movement, and pre-shot cues. It's about tracking play development, not just saving pucks.



**“Train like every rep is a game moment. That’s how players get ahead,”**  
says goalie coach Brian Daccord.

Each drill category has clear objectives, and when done consistently, they build game-ready mental tools that transfer directly to the ice.

# WHAT DOES HOCKEY IQ PROGRESS LOOK LIKE?

**It’s not just about goals and assists. It’s also smarter plays, quicker reactions, and stronger confidence.**

Hockey IQ progress isn’t always obvious in the box score. But if you’re watching closely, it shows up in big ways– and small moments– every game.

It might look like a player scanning the ice before receiving the puck. Or making a safe outlet pass instead of forcing a play. Or anticipating a backdoor pass and breaking it up. These are all signs of a player whose decision-making and anticipation are improving.

**Players in NHL Sense Arena can also track measurable metrics:**

- Decision Making
- Correct Reads
- Reaction Time
- Situational Awareness Under Pressure

These scores give players and parents real feedback and help guide development over time.

Results are earned. As players learn to make the right plays, their ice time and opportunities to impact the game will naturally grow. Coaches play the players they trust—so focus on managing the puck and supporting teammates to become that trusted player.

**Y**ou might not see it in points right away, but you’ll see it in how your player handles pressure,” says Andrew Alberts. “It’s about trust and control.”

We also recommend making a simple checklist or log to help observe changes in play. Whether it’s smarter shifts, more confidence on the puck, or better positioning, IQ gains are visible if you know what to look for.

▶ [Download our training checklists and mobile app to monitor your player’s progress over time](#)



# COMMON MYTHS ABOUT HOCKEY IQ

**“IQ and hockey sense can be taught. Talent alone will never make a smart play, it’s trainable cognition,”** says NHL veteran and youth hockey parent/coach Andrew Alberts.

**“It can’t be taught” or “It’s just natural instincts” Not true. Let’s debunk the most common misconceptions.** There are a lot of outdated ideas about Hockey IQ, and many of them hold players back from reaching their potential. Let’s tackle a few of the biggest myths:

**“You’re either born with Hockey IQ or not.”**  
False. While some players pick things up faster, Hockey IQ is highly trainable. Like any skill, it improves with reps, feedback, and intentional practice.

**“If you’re skilled enough, you don’t need to think as much.”**  
Skill without smart decision-making leads to turnovers, bad habits, and limited trust from coaches. High-skill and high-IQ is what earns roles and ice time.

**“IQ is only important for older players.”**  
Young players who build smart habits early (like scanning and puck support) set themselves up for success at every level.

**“Video is enough for Hockey IQ training.”**  
While video is useful, it’s passive. Cognitive drills are interactive, requiring decision-making under pressure. This creates true mental reps that transfer to game situations.

**The theme? Hockey IQ and game sense can be taught.** Talent alone will never create a smart play—these skills are a product of trainable cognition.

**The takeaway? Hockey IQ is not a mystery gift some players magically have.** It’s a learnable advantage, and one of the most powerful ways a parent can help guide development with modern tools.

▶ Share these ideas with your team or parent group and discuss what hockey IQ looks like to you

# THE BRAIN BEHIND THE BENCH

**“Coaches will always take a smart player over a flashy one,” says Brian Daccord. “The game only gets faster. IQ is how you keep up.”**

**Coaches value Hockey IQ at every level. Here’s how smart players earn more ice time and trust.**



Skill will get a player noticed, but Hockey IQ is what gets them ice time, especially as they grow older and the game speeds up.

From 10U through high school and beyond, coaches are constantly evaluating more than just stats. They want players who can think on the fly, adapt to systems, and make smart decisions under pressure; and they expect this skill to grow as the player develops physically. Why? Because smart players make their teammates better. They don’t just avoid mistakes, they create opportunities.

Players who can read the game and execute team strategies are far more likely to be trusted in key moments, like on the penalty kill, power play, and late-game situations. It’s all about believing in your players’ decision-making, not just their talent.

That’s why coaches across the country are recommending off-ice Hockey IQ development as a complement to team practices. Especially in environments where ice time is limited, this kind of training creates confident players who can think the game while playing it.

**What do coaches look for? It varies by level, but here are a few universal traits:**

- Awareness and movement away from the puck
- Smart line changes
- Quick, correct decisions under pressure
- Confidence and calmness with the puck

- How effectively they’re getting teammates involved and orchestrating opportunities
- Situational hockey sense (when to chip, when to hold, when to cover)
- Reading the ice and adjusting to coaching feedback quickly

# A DAY IN THE LIFE OF IQ TRAINING

Curious what off-ice mental training actually looks like? Here's a simple, effective routine anyone can follow.

You don't need a complicated schedule to build a stronger Hockey IQ. In fact, some of the best gains come from short, consistent sessions. Just 15–20 minutes a day, a few times per week, can make a major difference.

Here's a sample routine that any youth player (and parent) can follow by using NHL Sense Arena or other off-ice workouts:

## PRE-PRACTICE WARM-UP (5MIN)

Before heading to the rink, your player can fire up a quick VR drill focused on scanning and passing decisions. This primes the brain for awareness before hitting the ice.

## AFTER-SCHOOL SESSION (15MIN)

Pick one or two drill categories to focus on, like Read & React or Passing IQ. Keep intensity high and the focus on decision quality, not speed.

## POST-GAME REVIEW (OPTIONAL)

After games, players can watch film or replay key moments with NHL Sense Arena drills. This helps connect in-game situations to specific decision patterns and reinforces learning.

You can also rotate focus areas weekly:

**WEEK 1:** Scanning & Puck Support

**WEEK 2:** Defensive Reeds

**WEEK 3:** Transition & Breakout Decisions

**WEEK 4:** Game Simulation Challenge



**I use it just like a mental dynamic warm-up,” says 13-year-old center Alex, from Minnesota. “It helps me start sharp.”**

► Plan Accordingly with NHL Sense Arena's Training Plans and Guided Development Series.

# ? WHERE TO START

**You don't need to change everything! Just take the first step. Here's how to begin building your player's mental edge.**

Getting started with Hockey IQ training doesn't have to be overwhelming. In fact, the best thing you can do as a parent is to keep it simple, consistent, and fun.

## START BY ASKING YOURSELF

- Does my child play the game without thinking about what they're doing?
- Are they panicked under pressure?
- Do they struggle with decision-making in fast-paced moments?

If the answer is yes to any of these, it's the perfect time to begin building their mental game.

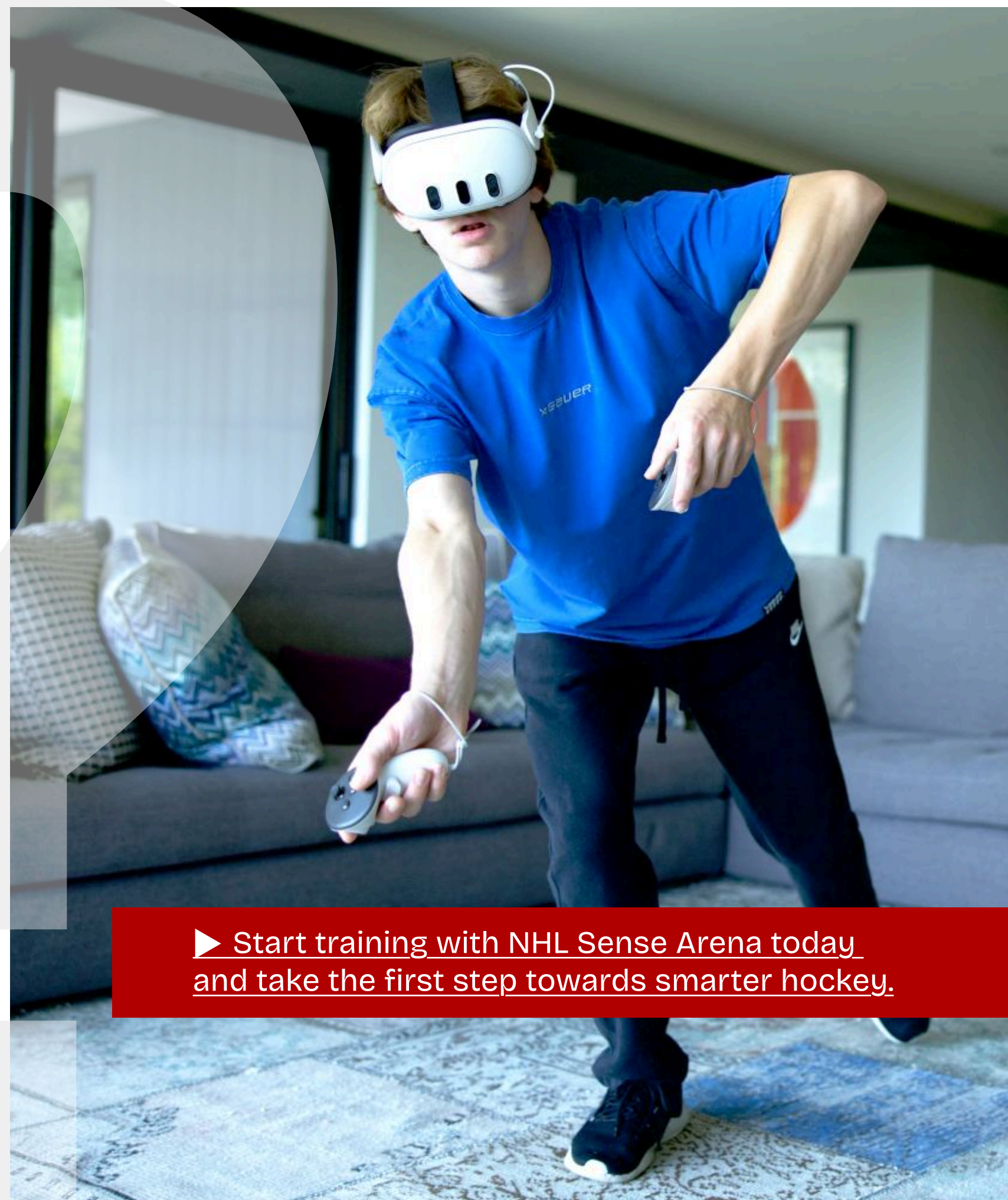
## TAKE FIRST STEPS

- Take the Hockey IQ Diagnostic inside NHL Sense Arena to get a baseline of your player's strengths and areas to grow.
- Pick one focus area (e.g., scanning, breakout reads) to start with. Don't try to train everything at once.
- Build a 15-minute routine that fits around your family's schedule. One session every other day is a great start.

**“When my kid started training Hockey IQ, it was like the light bulb went off,” says Sarah, a hockey mom in Ontario. “She started seeing the ice differently. She made better plays, and she had more fun.”**

From there, players and parents can track progress together, celebrate small wins, and adjust training focus over time.

You don't need to be an expert. You just need to care, and now you have the tools to help your player develop not just as an athlete, but as a smart, confident competitor.



▶ [Start training with NHL Sense Arena today and take the first step towards smarter hockey.](#)



**TRAIN SMARTER,  
PLAY FASTER.**