

University of Nebraska - Lincoln

DigitalCommons@University of Nebraska - Lincoln

---

Educational Psychology Papers and  
Publications

Educational Psychology, Department of

---

2019

## 5 ways to develop children's talents

Kenneth A. Kiewra

Follow this and additional works at: <https://digitalcommons.unl.edu/edpsychpapers>



Part of the [Child Psychology Commons](#), [Cognitive Psychology Commons](#), [Developmental Psychology Commons](#), and the [School Psychology Commons](#)

---

This Article is brought to you for free and open access by the Educational Psychology, Department of at DigitalCommons@University of Nebraska - Lincoln. It has been accepted for inclusion in Educational Psychology Papers and Publications by an authorized administrator of DigitalCommons@University of Nebraska - Lincoln.

## THE CONVERSATION

Academic rigor, journalistic flair

# 5 ways to develop children's talents

February 11, 2019 6.45am EST



Early starts are key to developing children's talents, experts say. Eugene Partyzan from [www.shutterstock.com](http://www.shutterstock.com)

Some people think talent is born. The often-told story of Mozart playing piano at 3 and composing at 5 reinforces such beliefs.

But here's the rest of that story: Mozart's father was a successful musician, composer and instructor.

### Author

---



**Kenneth A. Kiewra**

Professor of Educational Psychology,  
University of Nebraska-Lincoln



### Languages

---

- Français
- English

He was devoted to teaching Mozart and helping him practice hard and achieve perfection.

Despite all this, Mozart did not produce his first masterwork until his early 20s – after about 15 years of arduous practice and top-notch instruction.

Talent, I argue, is not born, it's made – and parents can make a big difference.

## **Conditions for success**

Although some might believe that talent is rare, psychologist Benjamin Bloom said otherwise after he investigated top performers in six talent domains: “What any person in the world can learn, almost all persons can learn if provided with the appropriate conditions of learning.”

Those appropriate conditions include five things: an early start, expert instruction, deliberate practice, a center of excellence, and singleness of purpose.

Children can't ignite and stoke these talent factors on their own. Instead, as I argue in my 2019 book, “Nurturing Children's Talents: A Guide for Parents,” children need a talent manager, most often a parent, to nurture talent growth. I make this case as an educational psychologist who specializes in learning and talent development.

Let's take a closer look at these talent factors and parents' influence.

### **1. Early start**

The seeds of talent are usually planted early and in the home. One study revealed that 22 of 24 talented performers – from chess players to figure skaters – were introduced to their talent domains by parents, usually between ages 2 and 5.





Many phenoms get an early start, research shows. Purino from [www.shutterstock.com](http://www.shutterstock.com)

Some of those parents were elite performers or coaches themselves. One was national championship volleyball coach John Cook, who raised All-American volleyball star Lauren Cook.

“I think my daughter had an advantage because of my job,” coach Cook said. “She grew up around volleyball. When she was a little kid, we set up a mini court in the basement and would play volleyball on our knees.”

Some parents were not linked to the child’s eventual talent area but provided a nurturing early environment that sparked a talent interest. Such was the case for Adora Svitak, an accomplished child writer and presenter.

Adora published two books by age 11 and made hundreds of international presentations, including a TED Talk viewed by millions. Adora’s parents, John and Joyce, were not writers or presenters, but they set the stage for Adora’s accomplishments. As her mother describes, they read “interesting and

fascinating” books to her for more than an hour each night. “Reading really helped shape Adora’s love for learning and reading,” she said.

In addition, they encouraged Adora’s early writing, offered guidance, helped her publish her books and arranged speaking engagements. Joyce eventually quit her job to manage Adora’s career. She said, “It is a full-time job, and it can be hard. But, I don’t just manage somebody; I manage my daughter.”

## **2. Expert instruction**

Parents go to great lengths to provide or arrange expert instruction. Chess grandmaster Kayden Troff learned how to play chess at age 3 while observing his father, Dan, and older siblings play.

With few chess resources near their Utah home, Dan assumed chess-coaching duties. To do so, Dan studied chess 10 to 15 hours a week during lunch breaks and after hours.

He read books, watched videos, and studied grandmaster games that allowed him to create a book with specialized lessons to instruct Kayden during nightly training sessions. Eventually, when Dan could no longer keep pace with Kayden’s growth, he arranged for Kayden to take lessons from grandmasters via the internet.

To pay for lessons costing US\$300 a month, Dan, a banker, and his wife worked extra jobs as custodians and spent 400 hours organizing an annual chess camp.

## **3. Deliberate practice**

Practice among the talented is never casual, it’s deliberate: goal-directed and beyond one’s comfort zone.

State high school swim champion Caroline Thiel described her taxing practice routine this way:

*“Some days in practice you’re just so exhausted. You’re sore and your entire body aches, and it’s hard to find motivation. Your brain shuts down but your body keeps going through the muscle aches, heavy breathing and throwing up. People don’t realize how hard swimmers practice; they think we just jump in the pool and swim a few laps.”*



Becoming a champion swimmer takes arduous practice. Kekyalaynen from [www.shutterstock.com](http://www.shutterstock.com)

#### **4. Center of excellence**

When I asked Jayde Atkins, a national high school rodeo champion, why she is so talented, she said, “Look at all I have, I should be good.” Jayde was raised on a horse ranch in central Nebraska and began riding at age 2.

Her parents, Sonya and J.B., are riders and professional horse trainers who taught her the ropes and practiced with her for hours each day. The Atkins had well-bred horses and a big trailer to transport them to nearby towns for rodeo competitions. The family ranch was a self-made center of rodeo excellence.

Most talented performers do not have a center of excellence outside their back door. In those cases, they may travel to get to one. Consider three tennis players from Lincoln, Nebraska, my hometown. With their parents' blessing and support, Jon and Joel Reckewey left home as teenagers and moved three hours away to Kansas where they trained at the prestigious Mike Wolf Tennis Academy.

Wimbledon and U.S. Open doubles champion Jack Sock traveled weekly to that same tennis academy as a boy before his entire family eventually relocated to Kansas. With parents' support, budding stars often gravitate to centers of excellence, where top coaches and rising stars flock.

## **5. Singleness of purpose**

Talented people display a singleness of purpose.

One chess parent I interviewed told me, "The extraordinary time we put toward this one activity takes him out of a lot of fun and games." Another parent said, "He's not interested in school; he's interested in chess. He just lives and breathes chess." That same parent said, "We once took chess away (because of low school performance) and he was miserable. It was like yanking out the soul."

When I asked chess parents why their children dedicate themselves to chess the way they do, they were unanimous about how much joy and satisfaction their children got from pursuing chess.

Parents support this singleness of purpose. However, on occasion, they may find themselves supporting more than one passion. For instance, McKenzie Steiner is an all-state softball player and rising country music star. Her father, Scott, was McKenzie's longtime softball coach, logging thousands of hours a year on the diamond and practicing pitching in the backyard, and also serving as her country band assembler, promoter and manager.

## Talent journey

Although stories of pushy parents abound, the parents I spoke with recognize that children must drive the talent train with passion and hard work and that parents can only help keep the train on track. They helped because they saw a need that only they could meet. They would no sooner ignore a talent need than a medical need. And, of course, they help because they love their children and want them to be fulfilled.

[Learning](#)[Child development](#)[Tennis](#)[Chess](#)[talent](#)[Extraordinary talent](#)[chess masters](#)[chess grandmasters](#)