

21st Century Giftedness

Getting to Know and Understand Gifted Children



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People tell you that your child is smart. You think so too. But how smart? Is your child gifted or just bright? Is there a difference? Find out as you learn how the experts define giftedness. Explore the characteristics of gifted children and learn how to use them to determine if your child is gifted.

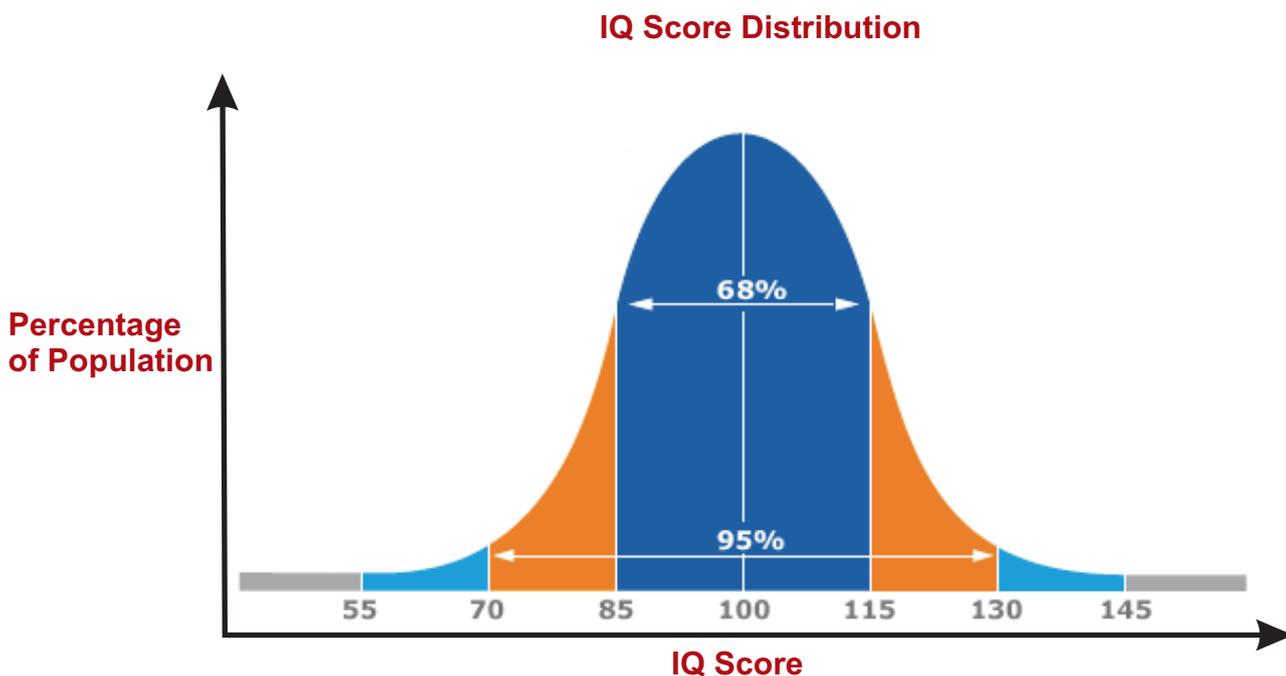
Gifted students have been defined as those who possess exceptional abilities in any area of learning that significantly exceeds age-level expectations (Winebrenner, 2001).

Taking into account that grade-level standards inform instruction, we realize that many gifted students will not make academic progress during any given year unless interventions occur.

One important idea often misinterpreted is that teachers are not necessarily responsible for teaching the standards; they are only responsible for demonstrating that students have mastered the designated grade-level standards (Winebrenner & Brulles, 2008).

Myths about gifted children abound. Learn what these myths are and how they may be affecting the way your gifted child is treated.

High IQ	
Mildly Gifted	: 115 to 129
Moderately Gifted	: 130 to 144
Highly Gifted	: 145 to 159
Exceptionally Gifted	: 160 to 179
Profoundly Gifted	: 180



Whether or not a gifted child excels in school, he or she has the potential to do so. Many gifted children are intrinsically motivated, which means the motivation comes from within. They become motivated by interest and challenge. When these children are interested and appropriately challenged, they can and will achieve. However, even though a gifted child may not be achieving in school, he or she may still be learning and achieving on their own at home.

To the trained eye, it can be fairly easy to spot a gifted child. Even to the not-so-trained eye of a parent, it's easy to notice that a child is not quite like other children. However, parents often question what those differences mean. They know their child is smart, but gifted? Looking at a list of gifted traits or characteristics is a quick first step in determining whether a child is gifted. If you have a toddler and you're wondering if he or she is gifted, take a look at the list of characteristics of young gifted children.

Cognitive Traits

- Very Observant
- Extremely Curious
- Intense interests
- Excellent memory
- Long attention span
- Excellent reasoning skills
- Well-developed powers of abstraction, conceptualization, and synthesis
- Quickly and easily sees relationships in ideas, objects, or facts
- Fluent and flexible thinking
- Elaborate and original thinking
- Excellent problem solving skills
- Learns quickly and with less practice and repetition
- Unusual and/or vivid imagination

Social and Emotional Traits (see Supersensitivities in Gifted Children)

- Interested in philosophical and social issues
- Very sensitive, emotionally and even physically
- Concerned about fairness and injustice
- Perfectionistic
- Energetic
- Well-Developed Sense of Humor
- Usually intrinsically motivated
- Relates well to parents, teachers and other adults

Language Traits (See Language Development in Gifted Children)

- Extensive Vocabulary
- May Read Early
- Reads Rapidly and Widely
- Asks "what if" questions

Additional Traits

- Enjoys learning new things
- Enjoys intellectual activity
- Displays intellectual playfulness
- Prefers books and magazines meant for older children
- Skeptical, critical, and evaluative
- Asynchronous development

Nobel Prize Families

Married Couples

Marie Curie	Irène Joliot-Curie
Pierre Curie	Frédéric Joliot
Gerty Cori	Alva Myrdal
Carl Cori	Gunnar Myrdal

Mother & Daughter

Marie Curie
Irène Joliot-Curie

Father & Daughter

Pierre Curie
Irène Joliot-Curie

Father & Son

J.J.Thomson	William Bragg
George Paget Thomson	Lawrence Bragg
Hans von Euler-Chelpin	Niels Bohr
Ulf von Euler	Aage N. Bohr
Manne Siegbahn	Arthur Kornberg
Kai M. Siegbahn	Roger D. Kornberg

Brothers

Jan Tinbergen
Nikolaas Tinbergen

About the Program for Gifted Children and Adults

- Spotting, and Tracking Gifted Persons: We evangelise the need for spotting exceptional talent and encourage teachers, parents and others who come in contact with potentially gifted persons to share their details with us.
- Through a series of tests and interviews, we produce reports identifying the areas of exceptional abilities of the candidates and suggest pathways and measures to bring out the full potential, also drawing attention to social and relationship matters that need to be addressed.
- We mentor and coach each identified individual through a personal program to develop his or her potential in the areas of: Excellence in Arts; Business Leadership; Educational Leadership; Thought Leadership; Political Leadership; in the form of a 'second strand' to the regular education.
- We also provide an e-enabled support environment to help these gifted and talented persons to resources and educational programs to make them better academic achievers so that they can get admission to the most prestigious Institutions appropriate for such students.



Prof. M.M. Pant (www.mmpant.net) is an internationally renowned expert specialising in pedagogy, technology and the development of tools and curricula for 21st century education.

He has been known for developing, working models that enhance the pedagogy using latest available technologies. He is especially noted for his efforts in leveraging social media for improving learning and bringing the mobile and handhelds into the classroom where they have been traditionally banned.

Prof. Pant's current work and interests revolve around the development, delivery and promotion of educational products, processes and services that cater for the needs and interests of future learners, a framework that is named "**Learning 221™: Learning for the 2nd Decade of the 21st Century**".

His past roles include being the Former Pro-Vice Chancellor, Indira Gandhi National Open University (IGNOU) and being on the faculty of IIT, Kanpur (the premier engineering institution in India), MLNR Engineering College and Faculty as well as Visiting Professor, University of Western Ontario, Canada. He has been a visiting scientist at European research centres in Italy, England, Germany and Sweden.

Prof. Pant is the founder of the LMP Education Trust, an organisation that promotes new age learning and supports underprivileged learners.

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