

Resources for Parents and Educators

This appendix offers resources that may be useful for parents and educators of gifted and talented students. The entries in each category below serve as a representative sample, rather than an exhaustive list, of available resources.

CENTERS FOR GIFTED EDUCATION AND TALENT SEARCHES

- Academic Talent Search**
California State University, Sacramento CA
<http://www.csus.edu/coe/ats/>
- The Belin-Blank International Center for Gifted Education and Talent Development**
University of Iowa, Iowa City, IA
<http://www.belinblank.org>
- Center for Bright Kids**
<http://www.centerforbrightkids.org>
- Center for Gifted Education**
College of William & Mary, Williamsburg, VA
<http://education.wm.edu/centers/cfge/>
- Center for Gifted Studies**
Western Kentucky University, Bowling Green, KY
<http://www.wku.edu/gifted/>
- Center for Talent Development**
Northwestern University, Evanston, IL
<http://www.ctd.northwestern.edu>
- Center for Talented Youth**
Johns Hopkins University, Baltimore, MD
<http://cty.jhu.edu>
- Davidson Institute for Talent Development**
Reno, NV
<http://www.davidsongifted.org>
- Frances A. Karnes Center for Gifted Studies**
University of Southern Mississippi, Hattiesburg, MS
<http://www.usm.edu/karnes-gifted>
- Gifted Development Center**
Denver, CO
<http://www.gifteddevelopment.com>
- Gifted Education Research Resource and Information Center**
University of New South Wales, Sydney, NSW, Australia
<https://education.arts.unsw.edu.au/about-us/gerric/>
- Gifted Education Resource Institute**
Purdue University, West Lafayette, IN
<http://www.geri.education.purdue.edu>
- Gifted Students Institute**
Southern Methodist University, Dallas, TX
<http://www.smu.edu/gsi/>
- Jodie Mahony Center for Gifted Education**
University of Arkansas at Little Rock
<http://ualr.edu/gifted/>
- Neag Center for Gifted Education and Talent Development**
University of Connecticut, Mansfield, CT
<http://www.gifted.uconn.edu>
- Office of Precollegiate Programs for Talented and Gifted (OPPTAG)**
Iowa State University, Ames, IA
<https://www.opptag.iastate.edu/>
- Robinson Center for Young Scholars**
University of Washington, Seattle, WA
<https://robinsoncenter.uw.edu/>
- Talent Identification Program**
Duke University, Durham, NC
<http://tip.duke.edu>
- University of Minnesota Talented Youth Mathematics Program (UMTYMP)**
University of Minnesota, Minneapolis, MN
<http://mathcep.umn.edu/umtymp/>
- Wisconsin Center for Academically Talented Youth**
Madison, WI
<http://www.wcaty.org>

CONTESTS AND COMPETITIONS

American Mathematics Competitions

<http://www.maa.org/math-competitions>

Offers a series of competitions, including American Mathematics Contest 8, 10, and 12; American Invitational Mathematics Exam; United States of America Mathematical Olympiad (USAMO).

American Model United Nations International

<http://www.amun.org/>

American Regions Mathematics League (ARML)

<http://www.arml.com>

ARML is a national mathematics competition for high school students.

American History Essay Contests

<http://www.dar.org/national-society/education/essay-contests>

Destination Imagination (DI) Challenge Program

<http://www.destinationimagination.org/challenge-program>

Teams work together to solve their chosen challenge, and team solutions are assessed at regional, state, or country tournaments.

Future Problem Solving Program International (FPSP)

<http://www.fpsp.org>

FPSP offers competitive and non-competitive activities in creative problem solving.

Intel Science Talent Search (Intel STS)

<https://student.societyforscience.org/intel-sts>

Intel STS is the nation's most prestigious science research competition for high school seniors. Students submit independent research projects and winners receive college scholarships.

Junior Science and Humanities Symposia

<http://jshs.org/>

JSHS is designed to challenge and engage students (Grades 9-12) in science, technology, engineering or mathematics (STEM). Individual students compete for scholarships and recognition by presenting the results of their original research efforts before a panel of judges and an audience of their peers. Opportunities for hands-on workshops, panel discussions, career exploration, research lab visits and networking are provided.

MATHCOUNTS

<http://www.mathcounts.org>

MATHCOUNTS is a national competitive mathematics program for middle school students. Students can win scholarships and other prizes.

Math Day at the University of Nebraska-Lincoln (UNL)

<http://www.math.unl.edu/programs/mathday>

UNL Math Day invites Nebraska high school students to participate in one individual and two team math competitions. Top prizes include scholarships to UNL. The University of Nebraska Lincoln also sponsors the

All Girls/All Math Summer Camp

<http://www.math.unl.edu/programs/agam>

for high school girls who have completed geometry.

Math League Contests

<http://www.mathleague.com>

The Math League offers contests for students in grades four through 12.

Math Olympiads for Elementary and Middle Schools (MOEMS)

<http://www.moems.org/>

The Olympiad Program includes a series of math problem solving contests for school-based teams of up to 35 students in grades four through eight. School math clubs can meet year-round to explore math topics and prepare for contests, which are offered monthly from November to March.

National Academic Quiz Tournaments (NAQT)

<http://www.naqt.com/index.html>

NAQT organizes middle school, high school, community college and college national quiz bowl championships and provides a format for independent tournaments.

National Geographic Bee

<http://www.nationalgeographic.com/geobee/>

The National Geographic Bee is open to schools with students in grades four through eight. School champions may qualify to participate in their state Bee, and state champions attend the national championship, where prizes include scholarships.

National History Day (NHD)

<http://www.nationalhistoryday.org>

Students select an historical topic, conduct research, and develop a project representing their knowledge. Projects can be entered for judging at local, regional, state and national levels, and prizes include scholarships and internships.

National Merit Scholarship Program

<http://www.nationalmerit.org/nmsp.php>

High school students who take the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) and meet published eligibility criteria are entered in the National Merit Program. Winners receive college scholarships.

National Science Bowl

<http://science.energy.gov/wdts/nsb/>

The National Science Bowl is an academic competition that tests students' science and math knowledge. Regional champions in middle school and high school divisions advance to the national championship.

Odyssey of the Mind

<http://www.odysseyofthemind.com>

Odyssey of the Mind invites students from kindergarten through college to form teams and solve a wide variety of creative problems. Competitions occur at local, state, and world levels.

Science Olympiad

<http://soinc.org/>

Science Olympiad offers programs for students in kindergarten through grade twelve. Competitions occur at regional, state, and national levels.

Scholastic Art and Writing Awards

<http://www.artandwriting.org/>

The nation's longest-running, most prestigious recognition initiative for creative teens, and the largest source of scholarships for young artists and writers.

Scripps National Spelling Bee

<http://www.spellingbee.com>

The Scripps National Spelling Bee program offers opportunities for schools to enroll in the program, develop and hold local contests, and send winners to the next levels of competition, culminating yearly in the National Spelling Bee.

Tests of Engineering Aptitude, Mathematics and Science (TEAMS)

<http://teams.tsaweb.org>

TEAMS is an annual one-day competition in which middle and high school students can apply their math and science knowledge to solve real-world engineering challenges.

U.S. National Chemistry Olympiad (USNCO)

<http://www.acs.org/content/acs/en/education/students/high-school/olympiad.html>

The USNCO is a chemistry competition for high school students. The local competitions are open to all high school students, and nominees are selected to take the national exam. Top performers on the exam go on to the study camp, and four students are selected to represent the U.S. at the International Chemistry Olympiad.

U.S. Physics Team

<http://www.aapt.org/physicsteam/>

The American Association of Physics Teachers recruits, selects, and trains teams to compete in the International Physics Olympiad Competition. Schools can register high school students to participate in the local exam, and top scorers go on to take the USA Physics Olympiad Exam.

U.S.A Mathematical Talent Search (USAMTS)

<http://www.usamts.org>

The USAMTS is a free math contest open to all U.S. middle and high school students. The competition aspect of the program is secondary to the development of problem solving and math reasoning skills.

United States Academic Decathlon (USAD)

<http://usad.org/>

The USAD is a scholastic competition for teams of high school students. Teams are made up of three "Honor" students (3.75-4.00 GPA), three "Scholastic" students (3.00-3.749 GPA) and three "Varsity" students (0.00-2.999 GPA).

DISTANCE LEARNING

Advanced Placement (AP) Program

<http://apcentral.collegeboard.com>

AP courses are offered in many high schools nationwide. National examinations are given each May, and high scores earn college credit. Many states sponsor grants to pay for online AP courses if they are not offered in person.

CTYOnline

Center for Talented Youth, Johns Hopkins University

<http://cty.jhu.edu/ctyonline/index.html>

CTYOnline offers challenging courses for eligible students in grades Pre-K to 12. These courses are available year-round, and each student receives guidance, feedback, and evaluation from a CTY faculty member.

GIFTEDANDTALENTED.COM

(formerly the Education Program for Gifted Youth [EPGY] at Stanford University)

<http://giftedandtalented.com>

Computer-based courses designed to meet the needs of advanced learners in grade K-12.

Gifted LearningLinks

Center for Talent Development, Northwestern University

<http://www.ctd.northwestern.edu/gll/>

GLL offers challenging online courses for gifted and talented students in kindergarten through grade 12.

Iowa Online Advanced Placement Academy (IOAPA)

Belin-Blank Center, University of Iowa

<http://www.iowaapacademy.org>

Since 2001, IOAPA has offered access to Advanced Placement (AP) courses to all Iowa high school students, especially those in small and rural schools. The Belin-Blank Center has recently begin expanding the online AP learning program to schools outside of Iowa.

University of Nebraska High School

University of Nebraska

<http://highschool.nebraska.edu>

The University of Nebraska High School (UNHS) is an accredited school offering flexible, self-based online coursework. Students in any location may choose to enroll at UNHS full-time to earn a UNHS diploma, or they may transfer credits earned through UNHS to their local school.

EARLY ENTRANCE TO COLLEGE PROGRAMS

Below is a sample of early entrance to college programs. More information can be found in the Brody and Muratori chapter in *A Nation Empowered* (Vol. 2) and at http://www.accelerationinstitute.org/Resources/early_college.aspx and http://www.hoagiesgifted.org/early_college.htm.

*Organizations marked with an * are members of the National Consortium of Early College Entrance Programs.*

Accelerated College Entrance

California State University, Sacramento

<http://www.csus.edu/coe/ace/>

For students in grades 11 and 12

Advanced Academy of Georgia*

University of West Georgia

<http://www.westga.edu/-academy/>

For students in grades 11 and 12

Bard College at Simon's Rock*

<http://www.simons-rock.edu/>

For students who have completed 10th grade

Boston University Academy*

<http://www.buacademy.org>

For students in grades nine through 12

The Clarkson School*

Clarkson University

<http://www.clarkson.edu/tcs/>

For students who have completed 11th grade

The Davidson Academy of Nevada

<http://www.davidsonacademy.unr.edu/>

For students under the age of 18 who meet the Qualification Criteria

The Early College

Guilford College

http://ecg.gcsnc.com/pages/Early_College_At_Guilford

For students in grades nine through 12

Early Entrance Program*

California State University, Los Angeles

<http://web.calstatela.edu/academic/eep/>

For qualified students 11 to 18 years old

Early Entrance Program*

Belin-Blank Center, University of Iowa

<http://www.belinblank.org/academy>

Formerly the National Academy of Arts, Science, and Engineering

Massachusetts Academy of Math and Science

<http://www.massacademy.org/>

For students in grades 11 and 12

Program for the Exceptionally Gifted*

Mary Baldwin College

http://www.mbc.edu/early_college/peg/

For girls between the ages of 13 and 15

Robinson Center for Young Scholars*

University of Washington

<https://robinsoncenter.uw.edu/>

For students who have completed at least sixth grade and are younger than 15 years old

Texas Academy of Mathematics and Science*

Denton, TX

<https://tams.unt.edu/>

For Texas students in grades 11 and 12 who are interested in math and science

ORGANIZATIONS

Most states have an organization to promote advocacy for gifted and talented students at the state and local level; provide pre-service and in-service training in gifted education; and support parent/community awareness, education, and involvement. See the NAGC website for specific information by state.

National Association for Gifted Children (NAGC)

<http://www.nagc.org>

NAGC is a non-profit organization dedicated to serving parents, educators, community leaders, and other professionals who work on behalf of gifted children. It hosts an annual convention and publishes several periodicals. In addition, most states have an NAGC-affiliated state organization, and the NAGC website offers state-specific policies and information.

American Psychological Association (APA) Center for Gifted Education Policy (CGEP)

<http://www.apa.org/ed/schools/gifted/index.aspx>

The mission of the CGEP is to generate public awareness, advocacy, clinical applications, and cutting-edge research ideas that will enhance the achievement and performance of children and adolescents with special gifted and talents.

The Association for the Gifted (TAG)

<http://cectag.com/>

TAG is a special interest division of the Council for Exceptional Children (CEC). It promotes the welfare and education of children and youth with gifts, talents, high potential, and those who are twice-exceptional.

Supporting Emotional Needs of the Gifted (SENG):

<http://sengifted.org/>

The mission of SENEG is to foster environments in which all gifted children and adults can understand and accept themselves and be understood, valued, and supported by others.

PERIODICALS

Connecting for High Potential

<http://www.nagc.org/resources-publications/nagc-publications/connecting-high-potential>

This publication from the National Association for Gifted Children is designed to bridge the gaps between parents and teachers of gifted children and to offer opportunities to examine each perspective.

Gifted Child Quarterly (GCQ): <http://www.nagc.org/resources-publications/nagc-publications/gifted-child-quarterly> GCQ is the scholarly journal of the National Association for Gifted Children. It contains articles of interest to professionals and those with some experience in the field of gifted education.

Gifted Child Today (GCT)

<http://gct.sagepub.com/>

GCT provides practical advice about teaching and parenting gifted and talented children. Articles cover topics relevant for parents, teachers, and administrators of gifted students.

Imagine

<http://cty.jhu.edu/imagine/index.html>

Imagine is written for students in grades 7-12, and is published by the Johns Hopkins University Center for Talented Youth.

Journal for the Education of the Gifted (JEG)

<http://jeg.sagepub.com/>

JEG is the official publication of The Association for the Gifted (a division of the Council for Exceptional Children). It presents information and research on the educational and psychological needs of gifted and talented children.

Parenting for High Potential

<http://www.nagc.org/resources-publications/nagc-publications/parenting-high-potential>

This magazine is published by NAGC and designed for parents.

Roeper Review

<http://www.roeper.org/Roeper-Review>

This publication is designed for professionals and includes articles that are research-based and often deal with both theoretical and practical issues.

Understanding Our Gifted

<http://www.ourgifted.com/>

This online journal is published quarterly, and each issue focuses on a different gifted education topic.

Vision

<http://www.belinblank.org/newsletter>

Vision is the monthly newsletter from the Connie Belin & Jacqueline N. Blank International Center for Gifted Education and Talent Development.

WEB AND PRINT RESOURCES

The Acceleration Institute

(formerly the Institute for Research and Policy on Acceleration), a project of the Belin-Blank Center for Gifted and Talented Education, the University of Iowa

<http://www.accelerationinstitute.org>

This website is home to many resources that are useful for making acceleration decisions, developing acceleration policies, and examining specific forms of acceleration. The watershed publication on acceleration, *A Nation Deceived: How Schools Hold Back America's Brightest Students*, can be downloaded for free. A PowerPoint presentation discussing acceleration is available for download. The Policy section provides information about state legislation regarding acceleration for all 50 U.S. states that can inform parents and educators interested in acceleration. The downloadable *Guidelines for Developing an Academic Acceleration Policy* may be of assistance to school personnel who are considering creating a policy. Also found on this website are acceleration stories: personal anecdotes from parents, teachers and students who have had experiences with acceleration.

Academic Earth

<http://academicearth.org/>

A collection of free online college courses from many universities. Courses include biology, chemistry, computer science, engineering, mathematics, physics, and psychology.

ALEKS

<http://www.aleks.com>

Web-based assessment and learning system that uses adaptive questioning to determine what a student knows and doesn't know in a course. ALEKS then instructs the student on the topics he or she is most ready to learn.

Cogito

<https://cogito.cty.jhu.edu/>

Sponsored by the Center for Talented Youth at Johns Hopkins University, this website connects exceptional students from around the world who love science, technology, engineering and math. Students can participate in online interviews with mathematicians and scientists; view science and math-related news articles, essays, videos and blogs; and access a database of academic programs and math and science competitions. Cogito also includes members-only discussion forums.

Davidson Gifted Database

<http://www.davidsongifted.org/db/>

This database features an online article library, searchable resources for and about gifted students, gifted education

state policy information, and a gifted issues discussion forum.

Developing Math Talent: A Comprehensive Guide to Math Education for Gifted Students in Elementary and Middle School (2nd ed.)

By Assouline, S., and Lupkowski-Shoplik, A. (2011). Published by Prufrock Press (Waco, TX). This handbook integrates the unique roles of educators and parents in responding to the exceptional needs of mathematically talented students.

Educational Opportunity Guide

<https://eog.tip.duke.edu/guide/search>

This guide is updated annually by Duke University's Talent Identification Program (TIP). It lists many summer and school-year programs throughout the country.

Federal Registry for Educational Excellence (FREE)

<http://free.ed.gov/>

The FREE website compiles digital teaching and learning resources.

Genius Denied

<http://www.geniusdenied.com>

By Davidson, J., & Davidson, B. (2004). Published by Simon and Schuster (New York). Additional resources, blogs, news, and other information are listed on the website.

The Hoagies Gifted Education Page

<http://www.hoagiesgifted.org>

This website hosts a wide variety of resources for parents of gifted students, educators and professionals working with gifted students, and gifted kids and teens.

IDEAL Solutions for STEM Acceleration

<http://www.idealsolutionnsstem.com>

This is an online tool that assists parents and educators in making decisions about academically talented students. Teachers can gain research-supported recommendations regarding students' readiness for acceleration in STEM subjects. Recommendations are aligned with national standards. The goal is to assist school personnel with accelerated placement in STEM subjects so they can feel confident that their placement decisions are supported by research.

Iowa Acceleration Scale, 3rd Edition

<http://accelerationinstitute.org/Resources/IAS.aspx>

Developed by Susan Assouline, Nicholas Colangelo, Ann Lupkowski-Shoplik, Jonathan Lipscomb, and Leslie Forstadt (2009). Published by Great Potential Press (Scottsdale, AZ). This instrument provides a systematic and thorough method of decision-making for educators and parents

who are considering whole-grade acceleration for students in kindergarten through eighth grade.

Khan Academy

<https://www.khanacademy.org/>

Provides practice exercises, instructional videos, and a personalized learning dashboard that empower learners to study at their own pace in and outside of the classroom. Subjects include math, science, computer programming, history, art history, economics, and others.

LISTSERVS

Belin-Blank Center Listserv

The Gifted Teachers email list provides a way for educators around the world interested in gifted education to interact. Nearly 1,000 educators currently participate. To subscribe to the list, send an email message to listserv@list.uiowa.edu. Leave the subject line blank. In the text of your message, write: SUBSCRIBE GIFTED-TEACHERS First-Name Last-Name.

Center for Gifted Education Policy (CGEP) Listserv

The CGEP Listserv is a forum of over 400 subscribers from around the world that engenders communication among researchers in giftedness studies and education. It provides opportunities for researchers and graduate students to discuss issues, exchange information, and generate potential collaborations. See <http://www.apa.org/ed/schools/gifted/listserv/index.aspx> for instructions on how to subscribe.

Hoagies Gifted Education Page

The Hoagies Gifted website contains a listing of many different email lists, Facebook groups, blogs, and other online communities for individuals interested in gifted education. Visit http://www.hoagiesgifted.org/on-line_support.htm.

A NATION EMPOWERED: **SOCIAL MEDIA**

For current information about *A Nation Empowered*, visit www.nationempowered.org, follow @BelinBlank on Twitter, or read the Belin-Blank Center blog at <https://belinblank.wordpress.com/>.