Giftedness: Parenting the Gifted Child

Presentation by

Camelia Birlean, PhD

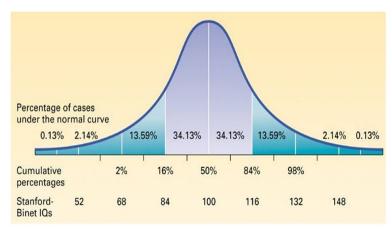
Consultant, Gifted & Exceptional Learner
English Montreal School Board
Lecturer,
McGill University
Educational and Counselling Psychology

Agenda

- > Why offer special services to GAT?
- > Is your child gifted?
 - ➤ Gifted and Talented Behaviours
 - ➤ Characteristics common to Families of Gifted Individuals
- > What programs are available for GAT at EMSB?
 - Further recommendations for Parents of gifted and talented children

Why offer special services to Gifted students?

The Normal Curve and Stanford-Binet IQ Scores



IQs less than 70 = Intellectually Disabled. More than 130 = gifted

Moderately Gifted	130-144
Highly Gifted	145-159
Exceptionally Gifted	160-179
Profoundly Gifted	180+

A "BELL CURVE" SEATING CHART.

Amount of repetitive content

Standard-based classrooms

Lack of Work Habits and Self-Regulation

"I never learned how to work!"

"Elementary school and middle school were so easy for me!"

"I coasted through elementary and middle school and then fell apart in the advanced classes in my high school."

(Reis & Hebert, 2004)

Traits, Aptitudes & Behaviors (TAB) Frasier, Martin, Garcia, et. al. 1995; NRCGT, 2007

TAB	Description	How it may look
Motivation: Evidence of desire to learn	Forces that initiate, direct and sustain individual or group behavior in order to satisfy a need or attained goal	 Aspires to be somebody, to do something. Is an enthusiastic learner. Demonstrates persistence in pursuing or completing self-selected tasks (may be culturally influenced; evident in school or non-school activities).
Interest: Intense (some- times unusual) interests	Activities, avocations, objects, etc. that have special worth or significance and are given special attention	Demonstrates unusual or advanced interest in a topic or activity. Is a self-starter. Is beyond age-group. Pursues activity unceasingly.
Communication skills: Highly expressive and effective use of words, numbers, symbols, etc.	Transmission and reception of signals or meanings through a system of symbols (codes, gestures, language, numbers)	 Demonstrates unusual ability to communicate (verbally, physically, artistically, or symbolically). Uses particularly apt examples, illustrations or elaborations.
Problem-solving ability: Effective (often inventive) strategies for recognizing and solving problems	Process of determining a correct sequence of alternatives leading to a desired goal or to successful completion or performance of a task	Demonstrates unusual ability to devise or adapt a systematic strategy for solving problems and to change the strategy if it is not working. Creates new designs, invents.
Memory: Large store- house of information on school or non-school topics	Exceptional ability to retain and retrieve information	 Already knows information. Needs only 1–2 repetitions for mastery. Has a wealth of information about school or non-school topics. Pays attention to details. Manipulates information. Is highly curious.

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TAB	Description	How it may look
Inquiry: Questions, experiments, explores	Method or process of seeking knowledge, understanding, or information	Asks unusual questions for age. Plays around with ideas. Demonstrates extensive exploratory behaviors directed toward eliciting information about materials, devices or situations.
Insight: Quickly grasps new concepts and makes connections; senses deeper meanings	Sudden discovery of the correct solution following incorrect attempts based pri- marily on trial and error	Demonstrates exceptional ability to draw inferences. Appears to be a good guesser. Keenly observant. Possesses heightened capacity for seeing unusual and diverse relationships. Integrates ideas and disciplines.
Reasoning: Logical approaches to figuring out solutions	Highly conscious, directed, controlled, active, intentional, forward-looking, goal oriented thought	 Makes generalizations. Uses metaphors and analogies thinks things through in a logical manner. Thinks crucially comes up with plausible answers.
Imagination/Creativity: Produces many ideas; Highly original	Process of forming mental images of objects, qualities, situations, or relation- ships, which are not immediately apparent to the sense; solve problems by pursuing nontraditional patterns of thinking	Shows exceptional ingenuity using everyday materials. Creates wild, seemingly silly ideas; often fluently/flexibly.
Humor: Conveys and picks up on humor well	Ability to synthesize key ideas or prob- lems in complex situation in a humorous way; exceptional sense of timing in words and gestures	Has a keen sense of humor, may be gentle/hostile. See unusual relationships. Demonstrates unusual emotional depth. Demonstrates sensory awareness.

Affective Characteristics of Gifted Students

- Social Skills, Personal Adjustment
 - ➤IQ Range! (Hollingwarth, 1942; Gross, 2000)
 - >Kunkel, Chapa, Patterson, & Walling (1995)
 - " "What's it like to be gifted?"
 - Findings--Individual and Social: Positive and Negative
- > Perfectionism

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Attributes of Dysfunctional Perfectionists

- Anxious about making errors
- > Set extremely high standards for self
- Perceive excessive expectations and criticisms from others
- Question their own judgments
- Lack effective coping strategies
- Seeks constant approval

Attributes of Healthy Perfectionists

- > Intense need for order and organization
- Self-acceptance of mistakes
- View of personal effort as an important part of their perfectionism
- > High (but realistic) parental expectations
- Use of positive coping strategies with their perfectionist tendencies

Recommendations for Parents: Parenting By Positive Expectations (Clark, B. 2006; Davis & Rimm, 2018)

- > Help with their need for **perfectionism**.
 - ➤ Help them set realistic expectations/ standards for self and others.
 - > Send the message that parents believe in their children
- Create open communication. Listen Actively!
- Provide support and challenge
- Provide a safe place where your child may be their best and true selves.
- > Echoes the importance of discipline and life-long learning
- > Help your children understand the consequences of a decision.
- > Enjoy living with your gifted child.
- > Share what you like to do with your children.
- > Allow choice and allow them to make decisions.
- Clear and consistent messages between/ within parents Show that you value reflection and daydreaming.

An Enriched Environment as Seen in Neuroscience Research

- > Includes a steady source of positive emotional support
- > Provides a nutritious diet
- > Stimulates all the senses
- Provides an atmosphere free of undue pressure and stress
- Presents a series of novel challenges at the appropriate level for the child's development
- > Allows for social interaction
- Develops mental, physical, aesthetic, social, and emotional skills
- > Allows choice
- > Allows the child to be an active participant in the learning process.

Levels of Educational Services (LoS) for GAT at EMSB

- > Level 1: Classroom Differentiation
 - ➤ DI to address needs for advancement, depth and complexity, challenge and creativity
- Lever 2: Adaptations (by some)
 - > School wide enrichment opportunities
 - > Academic competitions
 - Curriculum Compacting
 - ➤ Mentors/ Independent Study
- ➤ Level 3: Modifications (by few based on formal assessment):
 - ➤ Derogation 52: Early Admission to Kindergarten or First Grade
 - ➤ Grade Skipping
 - Early admission to Highschool
 - Subject Acceleration

Tier 1. Curriculum Differentiation/ In Class

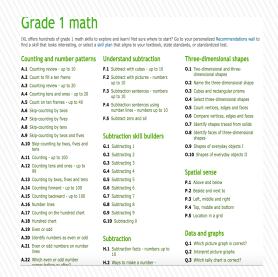
Reading Center ELA (differentiated by reading level)

- > French Language Center:
 - > Histoires de loup
 - À la découverte des loups
 - Loups en grammaire
- Mathematical Centers
 - ➤ Divide Like an Egyptian
 - ➤ Are We There Yet? A Journey through Our Solar System.
 - > POW

Math Differentiation

> IXL

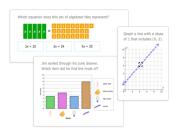
Learning Centers



Ouebec

IXL alignment to the Quebec math curriculum





Fully aligned content

IXL's skills are aligned to the Quebec Progression of Learning and the Quebec Education Program, providing comprehensive coverage of math concepts and applications. With IXL's provincial curriculum alignments, you can easily find unlimited practice questions specifically tailored to each learning objective.

Track by curriculum

With the IXL Analytics provincial curriculum centre it's simple to view student progress towards provincial curriculum objectives. The reports in the provincial curriculum centre allow you to quickly evaluate student aptitude and identify trouble spots.

Click on a grade to view the provincial curriculum, find practice skills and track performance.

Grade 1 Grade 2 Grade 3 Grade 4 Grade 5 Grade 6 Grade 7 Grade 8 Grade 9 Grade 10 Grade 11 Grade 12

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 - > Enrichment programs (Schoolwide)
 - >Academic competitions
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School-Wide Enrichment Programs & Academic Competitions

Caribou International Math Competition (K-12)

• Schools: East Hill, VMC, Dunare Gardens, Roslyn, PDC, Gardenview

Future Problem Solving International (5-6)

• Schools: Dunare Gardens, PDC, Roslyn, RWA sec 1-3

Debating and Public Speaking (4-6)

• Schools: Willingdon, Roslyn; Dunare Gardens, Gardenview, PDC

Battle of the Books Jr. (4-6)

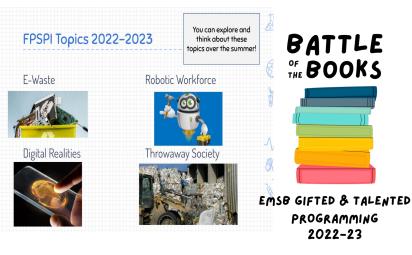
• Schools: Roslyn; Dunare Gardens, PDC Gardenview.

McGill's Let's Talk Science Competition (G6-8)

• Schools: Dunare, VMC sec 1 & 2, Roslyn, Willingdon









Future Problem Solving International



School Wide Enrichment Initiative at The Secondary School Level (Vincent Massey Collegiate & Royal West Academy)

Future Problem-Solving Program International (FPSPI)

FPSPI is a dynamic international program involving thousands of students annually. Developed in 1974 by creativity pioneer Dr. E. Paul Torrance, Future Problem Solving (FPS) provides competitive and non-competitive components for today's curriculum. This six-step model, which teaches critical and creative thinking, problem solving, and decision making can be used as part of classroom curriculum, an extracurricular activity, or by individuals or clubs. Student work is submitted electronically, and evaluation and feedback are provided by FPSPI coaches. Qualified students earn invitations to participate in the annual International Conference (taking place in June 2023 at University of Massachusetts- Amherst). The costs for students' participation and conference are covered by the Mesure 15027 for Gifted and Talented learners at EMSB.

Four thinking skills taught and modeled systematically to student participants engaged in the program are the corner stones of the Future Problem-Solving process

- Creativity Problem solving situations are set in the future to encourage inventive thinking. Students explore future possibility from the present
- Communication Clear and articulate communication is developed while working with a team and ideas are presented in written and verbal modes.
- Critical Thinking Students use analysis to gain an understanding of global issues and to comprehend significant aspects of complex situations
- Collaboration Students work together while learning and applying problem solving skills. Teamwork is nurtured as students advance through challenging and exciting situations.

GLOBAL ISSUES PROBLEM SOLVING (GIPS):

This program enables students to think creatively and explore collaboratively a selected inquiry topic from a diverse range of contemporary global topics. The 2022- 23 topics are:

- E-Waste
- · Digital Realties
- Robotic Workforce
- · Throw Away Society

Participants research a chosen topic and apply FPSPI's six-step problem solving process to resolve the Future Scene -- a hypothetical scenario set 20-30 years in the future. Culminating in a detailed Action Plan, entries are authentically assessed and scored by trained evaluators. Students invited to the international conference will also complete booklets while on-site. This program can be entered as teams of 3 to 4 students or individuals, taught by a coach (i.e., the school librarian in collaboration with a mentor funded by the Gifted and Talented Mesure at EMSB.

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FPSPI Topics 2022–2023

You can explore and think about these topics over the summer!

E-Waste



Digital Realities



Robotic Workforce



Throwaway Society



Junior School Enrichment Program: Debating and Public Speaking (4-6)

Class #	Date	Skill	Topic to be covered
Class #1	Week of April 12: TBA	Public Speaking	 Introduction Explain the goals and expectations of the program; Intro to PAEL-basics of argumentation; Multiple sides to an argument (as opposed to one objective right/wrong answer); Students will individually select a topic from the list—see Appendix Band will use it throughout the skill-based program.
Class #2	Week of April 19: TBA	Research - How to look for valid and reliable sources?	 Library Workshop (The school librarian shall be invited to this session) Practice: Conduct library searches on the topic selected in class #1.
Class #3	Week of April 26: TBA	Note Taking and Organizing	Intro to Concept Mapping, a strategy for note taking and organizing content; Summarizing the sources (retrieved from library searches) using concept mapping strategy
Class #4	Week of May 3: TBA	Critical Thinking	 Intro to critical thinking; Logical Fallacies; Evaluate their sources by looking at the literature arguments with a critical eye.
Class #5	Week of May 10: TBA	Writing	 Argumentative writing (Argumentative EssayPurdue University Model) Working on argumentative essay on the topic selected (individually)
Class #6	Week of May 17: TBA	Public Speaking	 First Public Speech (individually) (3 to 4 arguments of max 7 minute) Reflection on Public Speeches Debrief
Class #7	Week of May 24: TBA	Debating	 Component Elements and Canadian Parliamentary Structure (Explain terminology) Intro to Show Debate (to be enacted on TBD) Debate Topic (Vote on it)

Suggested Debate Topics:

- 1. All students should have daily chores.
- 2. Every home should have a pet.
- 3. Homework should be banned.
- 4. School uniforms should be required.
- 5. Year-round education is better for students.
- 6. The Internet should be banned from schools.
- 7. All museums should be free to the public.
- 8. Students should be held legally responsible for bullying in schools.
- 9. Children under 14 should not be allowed on Facebook.
- 10. Grades and tests should be abolished.
- 11. All people should be vegetarians.
- 12. Solar energy should replace all traditional forms of energy.
- 13. Zoos should be abolished.
- 14. Human cloning should be banned.
- 15. Democracy is the best form of government.
- 16. All citizens should be required to vote.
- 17. Teachers should be replaced by computers.
- 18. The voting age should be lowered.
- 29. Students should not be graded on their handwriting.

Battle of the Books Enrichment (Gr. 4-6)

Title	Author	Genre
Camp X	Eric Walters	Adventure; Historical Fiction
Innocent Heroes: Stories of Animals in the First World War	Sigmund Brouwer	Adventure; Nonfiction Blended Fiction
Silverwing	Kenneth Oppel	Adventure
Berani	Michelle Kadarusman	Realistic Fiction
Fatty Legs	Christy Jordan-Fenton	Autobiography Nonfiction
The Breadwinner	Deborah Ellis	Realistic Fiction
Beatrice and Croc Harry: A Novel	Lawrence Hill	Mystery
The Case of the Burgled Bundle	Michael Hutchinson	Mystery
The Barren Grounds	David Robertson	Fantasy
Nuria & The Immortal Palace	M.T. Khan	Fantasy

BATTLE OF BOOKS EMSB GIFTED & TALENTED PROGRAMMING 2022-23

Final Battle of the Books scheduled, May 19th from 9:30 - 11:30 at Roslyn Elementary School

Let's Talk Science Challenge

The LTSC features multiple weeks of activities and prizes. Students can test their STEM knowledge with an exciting question and answer competition, a hands-on engineering challenge and much more.





What are the benefits to students?

- Provides an outlet for students who are not being challenged by the curriculum
- Inspires students to consider future education in STEM and potential STEM careers
- Enriches the curriculum in eight subject areas
- Emphasizes team collaboration, cooperative learning and problem-solving skills

Independent Enrichment

- Scenario Writing Future Problem Solving International (Grade
 4)
- Scratch programming exploration. Looking into code and video game design.
 - The Wizard and the Robot Scratch Animation (Grade 2)
 - The Peach and the Stomach Scratch Animation (Grade 2)
- Lunar Rover Research Challenge (Grade 3 & 4; Grade K-noncompetitive)
- Mini Debate Group (Grade 3 & 4)
- Ancient Egypt Interactive Book (G3)
- Dino Dictionary (G2)
- The Mystery of The Missing Tomb (G4)

Egyptian Mythology Project



Pharaohs

The Pharaohs were not only the most powerful in Egypt, they were worshipped as gods. Some of them were even put in a special tombs with plenty of gold.

Did you know that the Egyptian word for Pharaoh was nesu in Greek? Even the origin of the word pharaoh was per-aa. The ancient Egyptians would not even use the term pharaoh. But in 1450 BC people started using the term pharaoh.







ancient Egypt they beleived in thousands of gods. The most important of gyptian gods was Amon-Ra and he was also worshipped outside of Egypt as a god that came about when Ra and Amon were linked together. Amo od of the air from even more ancient times, he was known as "The Hidde nd he was one of the most popular gods at Karnak. The Egyptians beleive as the god of the sun and that he speeds across the sky with his golden b ed and orange fire all aound it! During the night Ra is gobbled up by the n nen travels through the land of the dead until the morning and then he is





Did you know that the Nile River is the longest river in the whole world. The Nile is 4,100 miles long, and it flows through many African countries. Some of these countries are Tanzania, Uganda, Democratic Republic of the Congo, Rwanda, Ethiopia, Kenya, South Sudan, Sudan and most importantly Egypt.





In the social hierarchy, which groups were most educated and why?

> The Nile is connected to the Mediterranean Sea, because it flows into the Mediterranean Sea. Cool fact about the Mediterranean Sea it covers about 970,000 square miles (2,510,000 square kilometres)!

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Final Suggestions and Resources for Parents

- Understand what it means to be gifted
 - > Association Québécoise pour la Douance (http://www.aqdouance.org/)
 - ➤ Haut Potentiel (https://hautpotentielquebec.org/)
 - ➤ The Gifted Development Center (http://www.gifteddevelopment.com/)
- > Facilitate learning outside of the school environment.
 - Museums, doing an activity or project related to the exhibit, often visits to the library, watch documentaries followed by discussion, attend plays or other art shows.
- Find a specialized psychologist or clinic that can conduct psychological assessments to determine if the child is gifted
 - ➤ ABC Ontario's website (http://abcontario.ca/iep-information)
- > Establish strong relationships and effective communication with the child's teachers and school administration
- > Find other families with gifted children
 - For the child to develop friendships that are more meaningful and stimulating to them (Kingore, 2008)
 - For the parents to establish a support system

- Lauren Sosniak and Benjamin Bloom
 - "We were looking for exceptional *kids* and what we found were exceptional *conditions*" (p. 247).

Characteristics Often Found in Families of Gifted Children (Davis & Rimm, 2018)

- There are few children in the family; The gifted child is the oldest or only child.
- Early stimulation and enrichment (e.g., reading to them, encouraging language development, and providing exposure to a variety of experiences).
- > Parents are older and educated.
- Parents show high energy and love of learning.
- > Parents model a strong work ethic and valuing of achievement.
 - ➤ Use guidance that is reasonable, realistic, and appropriate to each child.
- > Authoritative parenting style (not overindulgent and permissive!)
 - > Tend to be liberal and flexible, but not permissive.
- > Parents value and encourage independence in the children.
- > Parents set clear standards that are flexible and fairly administered.
 - > Set clear limits based on each child's ability to understand consequences; goals are clear; success is expected as a right of the child, not of the parent.
- All members of the family are encouraged to develop the highest level of their ability as individuals.
- > Family relationships and parent-child interactions are healthy.
 - Are relatively self-assured, are on good terms with one another and accept the responsibility for their own actions.
- > Parents and children share work, learning, and play.
 - Parents are involved in school-related activities.

Thank you!

cbirlean@emsb.qc.ca camelia.birlean@mcgill.ca