

**PHELPS LUCK
ELEMENTARY
GIFTED & TALENTED
EDUCATION PROGRAM**



G/T Program

Parent Orientation Agenda

- Introduction of G/T Staff
- Parent Representative Invitation
 - *Parents familiar with the G/T program and who want to get to the cafeteria early for the Principal and Assistant Principal's presentation can leave at this time. Mrs. Barno will be available for program questions until 7:45 p.m.*
- General G/T Program information
 - Mission, Classes and Seminars, Resource
- G/T Mathematics Class Information

GT Resource Staff at PHELPS LUCK ELEMENTARY SCHOOL

Mrs. Barno – G/T Math for 4th and 5th grade,
Instructional Seminars for 4th and 5th grade, and
Curriculum Extension Units for 2nd – 5th grade

Mrs. Bindseil – Primary Talent Development in
Grades K-1, Instructional Seminars and Curriculum
Extension Units for 2nd – 5th grade



G/T Volunteer Opportunities

Parent Advisory Committee:

- Parent liasions are needed who are committed to ensuring that school policies and programs benefit all students, including advanced-level learners.
- This committee works with the HCPSS G/T office, school administrators, G/T resource teachers, and other school personnel to receive updates, ask questions, and provide feedback related to G/T programs.
- Parents have the opportunity to advocate on behalf of the program for the Board of Education, and give recognition to the work of G/T programs throughout the county.
- **We also welcome experts to visit our classes and seminars!**



A L - G N M E N T

NATIONAL ASSOCIATION FOR GIFTED CHILDREN (NAGC)

**NATIONAL COUNCIL OF TEACHERS OF SOCIAL
STUDIES (NCSS)**

MARYLAND STATE DEPARTMENT OF EDUCATION

HOWARD COUNTY PUBLIC SCHOOL SYSTEM

Howard County Gifted and Talented Education Program



**NATIONAL COUNCIL OF TEACHERS OF
MATHEMATICS (NCTM)**

**NATIONAL COUNCIL OF
TEACHERS OF
ENGLISH (NCTE)**

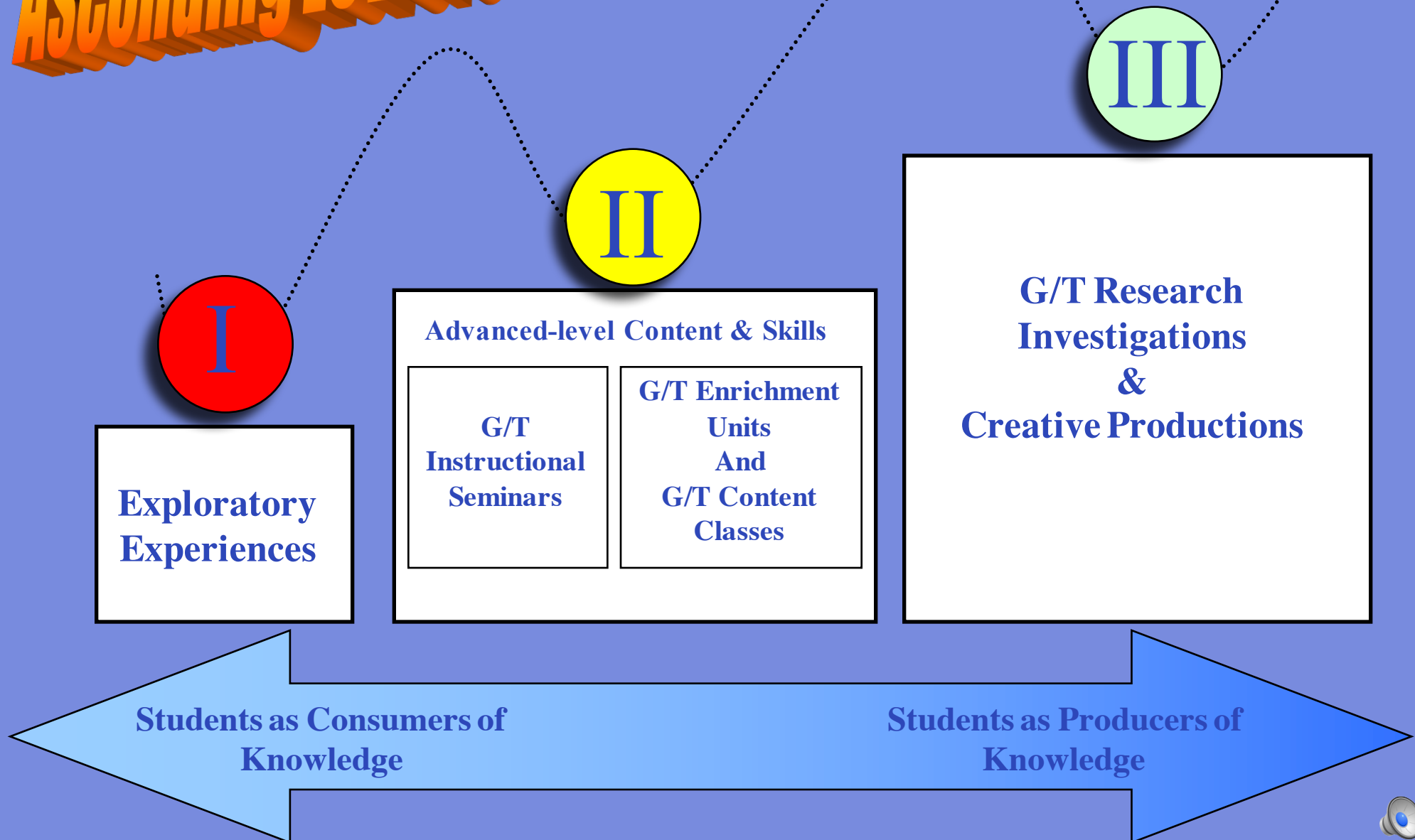
**NATIONAL SCIENCE
TEACHERS ASSOCIATION
(NSTA)**



**The mission of the
Howard County
Gifted and Talented Education Program
is to
recognize and develop talent in
advanced-level students.**



Ascending Levels of Intellectual Challenge



The G/T Education Program goals are to:

- 1. Accelerate the achievement of students who participate in the G/T Education Program.**
- 2. Increase successful participation of underrepresented populations of students in G/T Education Program offerings.**
- 3. Develop a highly qualified professional staff.**
- 4. Develop and implement a comprehensive plan for G/T Education Program communication and community involvement.**



Elementary G/T Education Program Instructional Services

- **G/T Mathematics for 4th & 5th grades**
- **G/T Curriculum Extension Units-Grades 2-5**
- **G/T Talent Development in Kindergarten through 2nd Grade**
- **G/T Instructional Seminars**



G/T Mathematics

- **Curriculum is enriched & accelerated by as much as two years**
- **Focus is on problem solving, flexibility and perseverance, and application of mathematical skills and strategies.**
- **Testing is required for students to attain an ability measure as one criteria for determining placement**
 - 3rd Grade CogAT, SCAT for new students to HCPSS entering in 4th or 5th grade.
- **Middle School students have G/T Math, English, Science, and Social Studies that also require testing.**
- **3rd and 5th Graders will also take the CogAT December 6 and 7th.**



**G/T
CURRICULUM
EXTENSION UNIT
FRAMEWORK**

**Essential Curriculum &
Maryland Outcomes
Connections**

**Advanced Level
Reading Connections**

**Multicultural
Connections**

**Advanced
Level
Thinking
Skills**

**Technology
Connections**

Evaluation

**Professional
Product &
Presentation**

**Advanced
Level
Research
Skills**

**Multiple
Intelligences
Connections**

**Advanced Level
Writing
Connections**



G/T Curriculum Extension Units

- Interdisciplinary advanced-level content, reading, writing, & thinking skills
- 2 CEUs per grade per year in grades 2-5
- 30-60 minute sessions for the duration of the related general classroom units
- Multiple criteria used for the selection process



G/T Curriculum Extension Units

Grade INTERDISCIPLINARY UNITS

K&1	Talent Development *
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2	Archaeology*, World Cultures
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3	Weather, Our Name is America: the Immigrant Experience
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4	Waves, Systems and Settlements in the New World
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5	Authenticity, River Watch
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** These units are taught in all classes*

We also will provide additional math enrichment in seminars



G/T Instructional Seminars

- **Designed to develop advanced-level skills in an area of interest for students**
- **Offerings vary based on the needs and interests of the students and grade-level teams**
- **Each unit requires weekly instruction with the**
- **G/T Resource Teacher**
- **Students self-select based on their interest in the topic**



For additional information:

- **Schedule a conference with the G/T Resource Teacher at your school.**
- **Attend one of the HCPSS G/T Parent Academy programs**
- **For district information, consult HCPSS G/T brochure & website.**

<http://www.hcpss.org/academics/gifted-and-talented/>

- **For national information on gifted education, consult the NAGC website.**

www.nagc.org



G/T Mathematics Parent Orientation Agenda

- Description of Program
- Scope and Sequence
- Daily Homework
- Long-Range Homework
- Math Olympiads
- Resources

G/T Mathematics

Grades 4 & 5

- Curriculum is enriched & accelerated by two years
 - 4th Graders learn 5th and some 6th grade standards, 5th graders learn 6th and some 7th grade standards.
- Focus is on problem solving, critical and creative thinking, perseverance, and application of mathematical skills
- Daily mathematics instruction by the G/T Resource Teacher (1 hour 15 minutes/day)
 - 4th grade: 11:00 - 12:15, 5th grade 1:15 - 2:30

G/T Mathematics

- **4th Grade G/T Domains and Standards:**
 - Place Value and Decimals (Gr. 5)
 - Expressions and Equations (Gr. 5-6)
 - Multiplication and Division (Gr. 5-6)
 - Fractions (Gr. 5-6)
 - Geometry and Measurement (Gr. 5-6)
 - Statistics (Gr. 6)
- **5th Grade G/T Domains and Standards:**
 - Ratio and Proportion (Gr. 6-7)
 - The Number System (Gr. 6-7)
 - Expressions and Equations (Gr. 6-7)
 - Geometry (Gr. 6-7)



Resources

Websites:

Each class' Canvas page, accessible through hcpss.me, will inform you about the math we are learning.

The **calendar** will show if any projects are assigned, online discussions that students are participating in (about the math), and information about other assignments and tasks as needed.

Resources

Links to other websites we use are in the Digital Tools section.

- You can check on your child's learning behaviors in **Class Dojo**. I will also use that to post the week's homework and make additional announcements about things we are learning, things students should discuss at home, and homework.

- **Dream Box** is another tool utilized by the school that can be accessed through hcpss.me for additional math learning/practice. There are new features added this year that we will be learning about.

Khan Academy can also be accessed through hcpss.me

Resources

- The calculator we use is the TI-30XS



Non-school version
retails for between 15
and 20 dollars.

Available at Amazon.com,
Target, Office Depot, Staples, etc

It is also helpful if students have a ruler, protractor, and compass at home for tasks/projects later in the year.

G/T Mathematics Daily Homework

- Daily Homework is not always assigned and can be **self-selected** from from a menu of electronic, paper, and textbook resources.
- Teacher-assigned homework might be work that was not finished in class but should have been.
- Homework should generally take less than 20-25 minutes and should not interfere with other activities.
- Students should take home journals and finished work regularly for review. *Note: students may often have unfinished work in their folders on Pink (4th) or Blue (5th) that they can also self-select for homework or during choice seatwork. I will post or write you directly if there is anything unfinished that is required homework.*

G/T Mathematics

Long-Range Homework

- One- Week assignments: Practice Olympiads may be assigned starting in October (5th grade) and November (4th grade)
 - They are optional, but very helpful for practicing high level mathematical thinking and reasoning.
 - Students have at least a week to complete.
 - They count toward a student's problem solving grade ONLY if it helps the grade.
- Unit related tasks/projects may have at-home components due to their complexity.
 - Students will have at least 3 days to complete these, and they are often worked on both at home and in school.

Math Olympiads - Purpose

- To stimulate enthusiasm and a love for Mathematics
- To introduce important Mathematical concepts
- To teach major strategies for problem solving
- To develop Mathematical flexibility in solving problems
- To strengthen Mathematical intuition
- To foster Mathematical creativity and ingenuity
- To provide for the satisfaction, joy, and thrill of meeting challenges

Math Olympiads

- Contests are taken at school November through March
- All HCPSS Elementary Schools participate.
- Each contest consists of five non-routine problems.
- Every problem requires careful mathematical thinking
- Each student, working alone, scores 1 point for each correct answer. Thus, a student may score up to 25 points per year.
- Calculators are not permitted.

G/T Math Grading

Mathematical Concepts

Grades come from Classwork Assignments and discussions (paper and computer) Exit Tickets, and Quizzes.

Class Participation, Homework Completion, and Perseverance are key factors in the effort grade in G/T Mathematics.

Students are expected to maintain grades above a D, though consideration and support will be given to students who have difficulty earning grades above a C to ensure the best placement for the student.

Problem Solving Application

Grades come from reasoning and strategies used within Unit Tasks/Projects. Mathematical Olympiads can be considered if they help a student's grade.



Questions?

Link through the PLES
homepage
or email

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