

**ELEMENTARY
GIFTED & TALENTED
EDUCATION PROGRAM**



GT Resource Staff at forest ridge

Kim Clawson

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ALIGNMENT

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



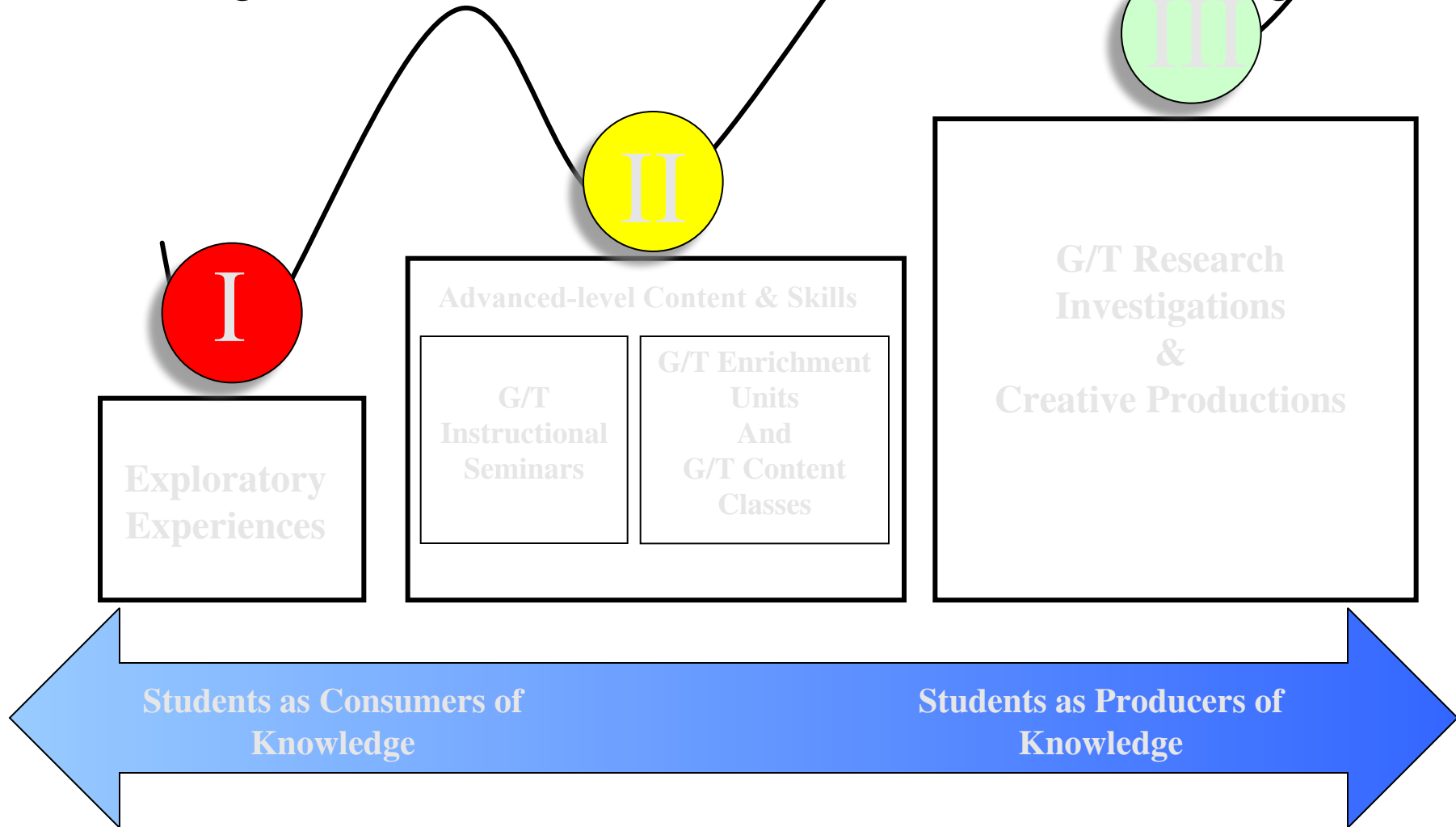
NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS (NCTM)

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



Elementary G/T Education Program Instructional Services

- G/T Mathematics for 4th & 5th grades
- G/T Curriculum Extension Units-Grades 2-5
- G/T Instructional Seminars
- Independent Investigations



G/T Mathematics

- **Curriculum is enriched & accelerated by as much as two years**
- **Focus is on problem solving and application of mathematical skills**
- **Daily mathematics instruction by the G/T Resource Teacher (1 hour 15 minutes/day)**
- **According to COMAR, an ability testing measure is required for participation in G/T Math**

G/T Mathematics

- **Maryland College and Career Readiness Standards**
- **Extension of the Common Core curriculum to meet the needs of students for when they enter Algebra 1 in 7th grade**
- **No spiraling curriculum from year to year; it is a mastery curriculum. Therefore, there is increased depth and complexity**
- **Emphasis on advanced level problem solving and project based learning**
- **Homework will involve both practice of concepts and problem solving**
- **Students are assessed using math assessments, performance tasks, and class participation**

G/T Mathematics

- **4th Grade Domains:**
 - **Operations and Algebraic Thinking**
 - **Expressions and Equations**
 - **Numbers and Operations in Base 10**
 - **Numbers and Operations – Fractions**
 - **Measurement and Data**
 - **Geometry**
 - **Statistics**



G/T Curriculum Extension Units

- **Interdisciplinary advanced-level content, reading, writing, & thinking skills**
- **2-3 CEUs per grade per year**
- **Each unit requires two hours of instruction per week with the G/T Resource Teacher**
- **Multiple criteria used for the selection process**

G/T Curriculum Extension Units

Grade	INTERDISCIPLINARY UNITS
2	World Cultures, Archaeology, Economics
3	Weather and Patterns, Immigration
4 Waves	Our Place in Space, Systems and Settlements, Of Communication
5	Authenticity, River Watch, Ocean Systems

*Additional units as arranged by the G/T resource teacher

G/T Instructional Seminars



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

Our Instructional Seminars

Grade 2

Creative Expressions

Science Fair

Unbind the Mind

Grade 4

24 Challenge Tournament

Project Feeder Watch

Green Team

Science Fair

Rube Goldberg

Grade 3

Robotics

Science Fair

Cryptology

24 Challenge

Grade 5

Tiny Houses

24 Challenge Tournament

Oyster Reef Restoration

Green Team

Rube Goldberg

Coding

G/T Volunteer Opportunities

Parent Academy

- Two parents needed
- About 5 meetings per year
- Learn about advanced-level offerings that are available through the Gifted and Talented Program and give your feedback

For additional information:

- **Schedule a conference with the G/T Resource Teacher at your school.**
- **Keep up to date through our school's website:**
- **For district information, consult HCPSS**
- **website.**

www.hcpss.org/gtp

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

www.nagc.org