



**GIFTED &
TALENTED**

EDUCATION PROGRAM

Elementary School Gifted and Talented Education Program

Our G/T Staff

Mrs. Kim Dean

Dover, New Hampshire 1999

HCPSS 2003

RES 2006

GT Resource 2021



Our G/T Grade Level Staff

Mr Biskey

3rd Grade CEUs



Ms. Eckert

4th Grade GT Math



Mrs. Hobbs

5th Grade GT Math



Program Mission

The Gifted and Talented Education Program seeks to recognize and develop talents in all students, including those students already performing at advanced levels.



Program Components



- Primary Talent Development
- G/T Instructional Seminars
- G/T Math
- Curriculum Extension Units (CEUs)

Primary Talent Development (PTD)

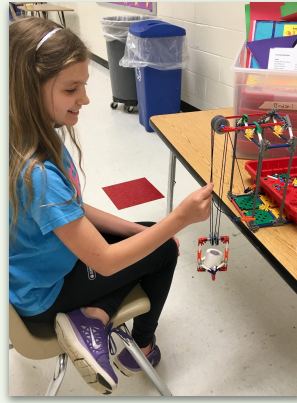
- Push-in model in K, 1, and 2
- Support development of creative and analytical reasoning
- Extend learning for students performing at advanced levels



Talent Development Offerings: G/T Instructional Seminars



Instruction in
Advanced-Level
Skills



Open to All
Interested
Students



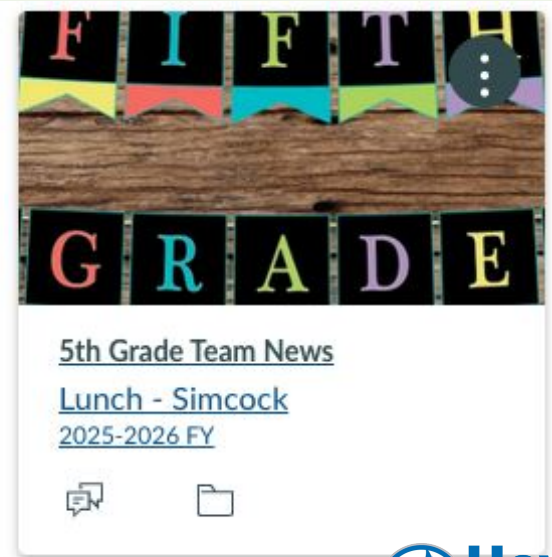
Creative
Production or
Inquiry

G/T Instructional Seminars at RES

- Lego Landmarks
- Unheard Perspectives
- It's Debatable
- Safe Racers
- Friday Live Announcements

Where can I find out more about G/T Instructional Seminars at our school?

- Grade Level Canvas Page Announcements



- Accelerated and enriched curriculum
- Focus on problem solving and application of mathematics
- Daily instruction

G/T Mathematics



Our G/T Math Teachers

4th & 5th Grades: Kim Dean



4th Grade :



Emma Eckert

5th Grade:



Amanda Hobbs

4th Grade G/T Math Domains

- Finding Volume
- Fractions as Quotients and Fraction Multiplication
- Multiplying and Dividing Fractions
- Multi-Digit Multiplication and Division



Grade 4 G/T Measurement Topics by Quarter

Measurement
and Geometry

Multiplication

Number, Fraction,
Decimal

Addition and
Subtraction

Multiplication

Division

Addition and
Subtraction

Measurement
and Geometry

Division

Multiplication

Algebraic
Thinking

Quarter 1

Quarter 2

Quarter 3

Quarter 4

5th Grade G/T Math Domains

- The Number System
- Ratio and Proportion
- Expressions and Equations
- Geometry
- Statistics



Grade 5 G/T Measurement Topics by Quarter

**Number and
Fractions**

**Number and
Fractions**

**Algebraic
Thinking**

Geometry

**Addition and
Subtraction**

**Addition and
Subtraction**

Geometry

**Measurement
and Data**

**Multiplication
and Division**

**Multiplication
and Division**

Quarter 1

Quarter 2

Quarter 3

Quarter 4

High Quality Instructional Materials

Maryland Blueprint and the Maryland Math Policy require districts to use High Quality Instructional Materials (HQIM).

Illustrative Mathematics (IM) meets the expectations of HQIM.



Illustrative Mathematics



Problem based curriculum:

“In a problem-based curriculum, students spend most of their time in class working on carefully crafted and sequenced problems. Teachers help students understand the problems, ask questions to push their thinking, and orchestrate discussions to be sure that the mathematical takeaways are clear.”

Students are able to...

Build
conceptual
understanding

Apply
knowledge
to new
situations

Collaborate
with peers

Communicate
with others to
justify their
thinking

Critique the
reasoning of
others

Placement Process for G/T Math

- CogAT administered to ALL students in December of 3rd grade.
 - Meets State COMAR requirement for an ability measure.
 - Helps identify students who may underperform in school.
- All students reviewed as part of G/T Placement Process using multiple criteria.

Measurements Included in the Placement Process

- Ability Measure (CogAT)
- Standardized assessments (MAP, MCAP)
- Student work samples
 - Application
 - Analysis
 - Problem Solving
- Student grades on assignments requiring critical, analytical, and/or creative thinking
- Documentation from families

How can families support the placement process?

- Provide the school information regarding your child's academic strengths, including activities outside of school.
- Request clarification regarding your child's strengths and/or challenges in a class.
- Communicate with the G/T Resource Teacher.

Curriculum Extension Units (CEUs)

- Extend science or social studies standards
- Advanced-level content
- 2 per grade lasting approximately 4 weeks during the corresponding content time
- All students considered as part of G/T CEU Placement Process using multiple criteria

G/T Curriculum Extension Units

	Q1	Q2	Q3	Q4
3rd Grade		Weather	Environmental Literacy	
4th Grade Option 1		Waves of Communication	The Road to Revolution	
4th Grade Option 2		Colonial Cultures	Saving Tangier Island	
5th Grade	We the Students			River Watch

Placement Process for CEUs

Multiple performance measures used to indicate readiness for participation

- Writing samples
- Advanced learning behaviors (logic, reasoning, creativity, etc.)
- Standardized assessment scores (i.e. MAP, CogAT for 4th and 5th)



Supporting Your Student

- Communicate with your child's classroom teachers and the G/T Resource Teacher.
- Encourage your student to take advantage of enrichment opportunities, such as G/T seminars.
- Consider participation in afterschool/summer programs (i.e. G/T Summer Institutes for Talent Development).
- [HCPSS Math Supports](#)

Nurturing Advanced Behaviors at Home

Advanced Language	Logic and Reasoning	Motivation and Persistence	Leadership	Perspective
Increase use of sophisticated language.	Share your thinking. Think sequentially.	Ask thought-provoking questions.	Show how you solve problems. Discuss strategies and create new ways to solve problems.	Discuss various perspectives.
Ask provocative questions.	Take things apart and put back together – ideas, objects or experiences.	Encourage independence.	Model taking initiative.	Demonstrate and model flexibility in your thinking by examining opposing points of view.
Point out similarities and differences.	Organize collections or ideas in insightful ways.	Show curiosity about ideas, events, experiments, experiences.	Set high expectations.	Embellish/ expand thoughts, perspectives, etc.

Opportunities for Family Engagement

- Become a G/T Resource volunteer
- HCPSS G/T Website:
www.hcpss.org/academics/gt
- G/T Parent Academies
- HCPSS News for G/T Program Information

For More Information

- Our school website
- HCPSS G/T Program website at www.hcpss.org/gt
- NAGC website at www.nagc.org
- Kimberly_dean@hcpss.org



