



# Gifted & Talented

Mr. Messier



# About Mr. Messier

Part of Garden City for over 18 years as teacher and coach

Hofstra University: BA's in Elementary Education and Psychology

Master's Degree from Hofstra in MST (STEM)

Holds NYS certificates in Educational Leadership and Gifted and Talented Education

Presented various staff developments and professional conferences such as Suffolk Asset Annual Technology Conference and Nike Coaches Clinic, NYC PAL Symposium on Gifted and Taelneted

Worked on various projects with the Hofstra University Schools of Engineering and Education and SUNY Hunter College School of Ed.



# What is Giftedness?

*Giftedness, intelligence, and talent* are separate, fluid concepts and may look different in different contexts and cultures. You will find a range of beliefs about the word "gifted," which has become a term with multiple meanings and much nuance.

Gifted children may develop asynchronously: their minds are often ahead of their physical growth, and specific cognitive and social-emotional functions can develop unevenly. Some gifted children with exceptional aptitude may not demonstrate outstanding levels of achievement due to environmental circumstances such as limited opportunities to learn as a result of poverty, discrimination, or cultural barriers; due to physical or learning disabilities; or due to motivational or emotional issues.

Garden City does not subscribe to any one theory of the nature of human abilities or their origins. We assert that there are children who demonstrate high performance, or who have the potential to do so, and that we have a responsibility to provide optimal educational experiences to fully develop talents in as many children as possible, for the benefit of the individual and the community.

# What *Creates* Giftedness?





# QUEST

Is the title given to our elementary gifted program

3<sup>rd</sup> Grade meets 3x per week for 40 min

Introductory process to develop metacognitive skills, problem solving, group work and creative thinking. Discover ideas that they become passionate about



# Bright Child vs. Gifted Learner

Knows the answers

Answers the questions

Top group

Listens with ease

6-8 repetitions for mastery

Enjoys peers

Enjoys school

Thinks thoroughly within discipline

Absorbs information

Asks the questions

Discusses in detail

Beyond the group

Already knows

1-2 repetitions for mastery

Prefers adults

Enjoys learning

Sees global connections

Manipulates information



# Program Standards

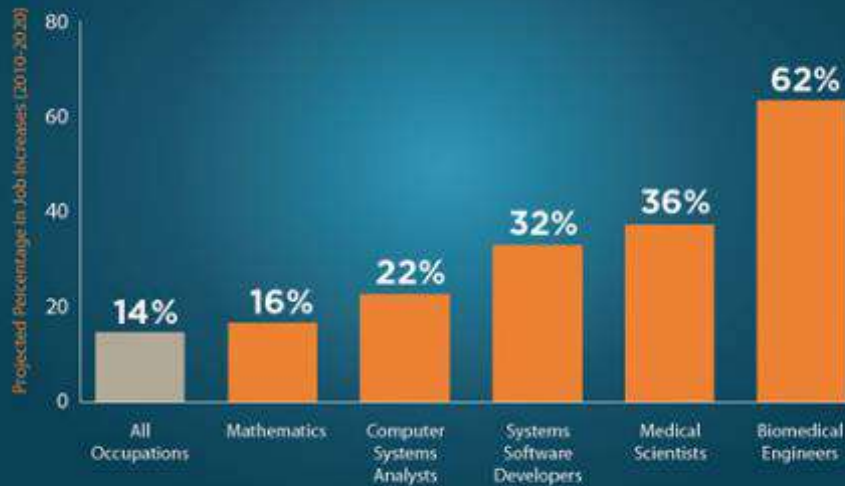
**NAGC-***National Association for Gifted Children*

**Next Generation Science Standards** (*NextGen*)

**SENG-** *Socio-Emotional Needs of Gifted Students*

# Why STEM?

## PROJECTED PERCENTAGE INCREASES IN STEM JOBS: 2010-2020







# Learning Profiles, Interests and Creativity

**Logical:** Reasoning, mathematical problems

**Verbal:** using language to present ideas

**Musical:** creating rhythm to express a mood, musical themes

**Intrapersonal:** (within self) understanding your own thoughts in a clear way

**Interpersonal:** (between people) empathy

**Naturalist:** classifying things, nature's patterns

**Bodily/Kinesthetic:** hands –on work, tactile

**Visual/spatial:** three-dimensional thinking, seeing and creating visual images



# 3rd Grade Program

INQUIRY BASED LEARNING/  
CONSTRUCTIVIST THEORY

3rd Grade QUEST Example

PROBLEM BASED LEARNING



# Resources

Parent and Student resources located on QUEST  
webpage



# Thank You!

*Do not go where the path may  
lead, go instead where there is no  
path and leave a trail.*

*– Ralph Waldo Emerson*