

STEM FOR STUDENTS WITH SPECIAL NEEDS

Question 1:

True or False?

**Autism is the most prevalent disability of
school age children.**

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Answer: False

According to the annual disability compendium, only 8.4% of school age children are identified with a diagnostic code for autism. The top three classified needs of students who receive special education services are classified for:

- A specific learning disability (38.6%)**
- a speech or language impairment (19.1%)**
- other health impairments (16.9%)**

#diverseneeds
#diversesolutions

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Question 2:

The Mamaroneck High School Transition Academy is a program that:

- a) Serves special education students for all of the school day or for specific classes/periods**
- b) Serves students whose needs are such that they may not be able to earn a Regents diploma**
- c) Can serve students for well over four years until they age out of the program**
- d) Focuses on helping some students with high level needs develop the skills necessary to be successfully employed in the future (i.e. transition to a vocation)**
- e) All of the above.**

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Answer: e) All of the above

The Transition Academy provides supported work experiences to special education students while they are attending high school to assist them in developing the vocational skills necessary to be successfully employed.

#vocationalskills

#equalopportunity

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Question 3:

504 Plans are legal documents drafted by the school district to:

- a) Support a student who has difficulty in an academic area.**
- b) Level the playing field for a student with a disability**
- c) Create a curricular program centered around skill development.**

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**Answer: b) Level the playing field
for a student with a disability**

504 Plans are legal documents which provide accommodations and other supports for students with disabilities to ensure their academic success and give them access to a productive learning environment.

#supportallkids

#STEM4ALL

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Question 4:

Mamaroneck's Philosophy of "Least Restrictive Environment" refers to:

- a) An open enrollment policy in Advanced Placement Classes.**
- b) A pedagogy that supports special education students to learn alongside their general education peers.**
- c) A no-failure policy for special needs students.**
- d) All of the above.**

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Answer: b) A pedagogy that supports special education students to learn alongside their general education peers.

Mamaroneck prides itself in supporting an inclusive environment for all students. This means supporting special education students in settings appropriate to their skill level at the present time.

#integration

#equalaccess

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Question 5:

True or False?

Finding vocational internships for special needs students can be challenging because travel time cuts much needed classroom time.

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Answer: b) True

Students with very strong special needs require a balance of critical skill development in the classroom as well as applied vocational experience. The best way to achieve this is to create a balance of authentic in-house vocational experiences as well as field experiences.

#in-house

#vocationalportfolio

#makerspaces