



2016-2017 HIGHLY CAPABLE MATHEMATICS PROGRAM K-12 TEACHER NOMINATION & INVENTORY FORM (MATHEMATICS, STUDENT LEARNING, CREATIVITY)

Name of Student	Birthdate	Grade	Student ID#	Date
School	Teacher	IEP: <input type="checkbox"/> Yes <input type="checkbox"/> No 504 Plan: <input type="checkbox"/> Yes <input type="checkbox"/> No Other: _____	ESL: <input type="checkbox"/> Yes <input type="checkbox"/> No TITLE I/LAP: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Directions: Please read the statements below carefully and rate your student according to the following scale. Provide only one check mark per question that best reflects your student. **This survey will be kept at the district's Special Programs Office. Copies WILL NOT be placed in the student's cumulative file.**

- If you have **rarely** observed this characteristic
If you have **sometimes** observed this characteristic
If you have **often** observed this characteristic
If you have observed this characteristic **most of the time**

MATHEMATICS – (one score per question)		Rarely	Sometimes	Often	Most of the Time
The Student:					
1. Is eager to solve challenging math problems. (A problem is defined as a task for which the solution is not known in advance.)					
2. organizes data and information to discover mathematical patterns.					
3. enjoys challenging math puzzles, games, and logic problems.					
4. understands new math concepts and processes more easily than other children.					
5. has creative (unusual and divergent) ways of solving math problems.					
6. displays a strong number sense (e.g., makes sense of large and small numbers, estimates easily and appropriately).					
7. frequently solves math problems abstractly, without the need for manipulates or concrete materials.					
8. has an interest in analyzing the mathematical structure of a problem.					
9. when solving a math problem, can switch strategies easily, if appropriate or necessary.					
10. regularly uses a variety of representations to explain math concepts (written explanations, pictorial, graphic, equations, etc.)					

LEARNING CHARACTERISTICS – (one score per question)		Rarely	Sometimes	Often	Most of the Time
The Student:					
1. Has unusually advanced vocabulary for age/grade. Reads advanced level books outside school.					
2. Knows about a variety of topics beyond the usual interests of age peers.					
3. Has quick recall & mastery of information; catches on quickly.					
4. Asks many questions; tries to discover the how and why of things, asks for reasons.					
5. Has ready grasp of underlying principles. Can quickly make valid generalizations about people, events or things.					
6. Is a keen and alert observer. Usually "sees more" or "gets more" out of a story, film, etc than others.					
7. Independent in work and is self-directed. Works well independently. Looks for opportunities to learn and enjoys challenge.					
8. Reasons things out and sees logical and common sense answers.					

<u>CREATIVITY</u> – (one score per question)	Rarely	Sometimes	Often	Most of the Time
The Student:				
1. Is curious about many things, constantly asking questions.				
2. Can think of many ideas or solutions to problems and questions. Predicts from present information.				
3. Is uninhibited in expression of opinion; tenacious.				
4. Is a high risk-taker; is adventurous and speculative.				
5. Creates stories, plays, written expression. Fantasizes, imagines & builds on ideas. Improvises with common place materials.				
6. Has a keen sense of humor.				
7. Responds emotionally to stories, events and needs of others.				
8. Demonstrates artistic appreciation and understanding, has unusual ability in fine arts, such as painting, drama and music.				
9. Is individualistic and is not afraid to be different.				
10. Criticizes constructively; unwilling to accept rules without reasons.				

TO THE BEST OF YOUR ABILITY, PLEASE COMPLETE THIS ENTIRE SECTION AND PROVIDE EXAMPLES WHERE APPLICABLE. YOUR INPUT IS USED AND VALUED BY THE HC SELECTION COMMITTEE TO MAKE PLACEMENT DECISIONS. YOUR NAME AND THE STUDENT NAME ARE KEPT CONFIDENTIAL DURING THIS PROCESS.

Child's hobbies, interests, unusual accomplishments:

Academic areas where child demonstrates excellence:

TEACHER'S HIGHLY QUALIFIED STUDENT RECOMMENDATION: (PLEASE CIRCLE ONE)

1 No	2 Questionable	3 Perhaps	4 Yes	5 Yes - Without Reservation
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Please include at least two specific comments that you believe would be helpful for the selection committee:

1.

2.

NOMINATION DEADLINE: FRI. MARCH 25, 2016

TEACHER SIGNATURE

DATE