



MATHEMATICS TEACHER RECOMMENDATION

MIDDLE AND HIGH SCHOOL

Candidate First Name:			
Candidate Last Name:			
Candidate Grade:			
Teacher First Name:			
Teacher Last Name:			
Position:		Subject:	
School:			
Length of time acquainted with Candidate:	<input type="checkbox"/> 1-2 Years <input type="checkbox"/> 2-3 Years <input type="checkbox"/> 4-5 Year <input type="checkbox"/> 6+ Years		

Please make the following ratings as realistically as possible, in every instance comparing the candidate with your *college preparatory* students. It is understood that evaluators may find it difficult to judge Middle School candidates as possible college preparatory candidates.

Gets along with others	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent (top 10%)
Politeness	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent (top 10%)
Self-discipline	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent (top 10%)
Integrity	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent (top 10%)
Maturity	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent (top 10%)
Study habits	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent (top 10%)
Organizational skills	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent (top 10%)
Perseverance under pressure	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent (top 10%)
Leadership	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent (top 10%)
Self-confidence	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent (top 10%)
Sense of humor	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent (top 10%)
Empathy	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent (top 10%)
Reaction to criticism	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent (top 10%)

Please rate the candidate in terms of academic ability and motivation, comparing him/her with other college preparatory students:

Ability	<input type="checkbox"/> Poor	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
Motivation	<input type="checkbox"/> Poor	<input type="checkbox"/> Below Average	<input type="checkbox"/> Average	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent

MATHEMATICS BACKGROUND

Please check off those items that you believe the candidate has studied in mathematics classes at your school

In regard to the candidate's current mathematics course, please check all that apply.

Current Courses: ☐ Pre-IB ☐ IGCSE ☐ Other, Please explain:

Please check off those items that you believe the candidate has studied in mathematics classes at your school.

Current Mathematics Course:

Algebra

- ☐ Algebra
- ☐ Linear inequalities
- ☐ Simultaneous linear inequalities
- ☐ Indices (Exponents)
- ☐ Common factor factorization
- ☐ General factoring of quadratics
- ☐ Quadratic inequalities
- ☐ Arithmetic, geometric sequences

- ☐ Linear equations
- ☐ Simultaneous linear equations
- ☐ Linear equations in rational expressions
- ☐ The square of a binomial
- ☐ Difference of squares factorization
- ☐ Solving quadratic equations
- ☐ Operations on rational expressions
- ☐ Direct and inverse variation

Functions

- ☐ Notation, domain and range
- ☐ Quadratics and parabolas
- ☐ GDCs and graphing
- ☐ Horizontal and vertical shifts
- ☐ Logarithms, and exponentials

- ☐ Graphs of common functions
- ☐ Concept of asymptotes
- ☐ Composition of functions
- ☐ Inverse functions

Geometry

- ☐ Algebra
- ☐ Areas of trapezoids and parallelograms
- ☐ Similarity of triangles, etc.
- ☐ Pythagoras in 3-D
- ☐ Circles, arc length, central angles
- ☐ Areas and volumes of compound shapes

- ☐ Areas of circles, rectangles, triangles
- ☐ Volumes of cuboids, prisms, cylinders
- ☐ Pythagoras in 2 dimensions
- ☐ Theorems on tangents and radii of circles
- ☐ Circumference, area, arc length

Coordinate Analytic Geometry

- ☐ Plotting points
- ☐ Gradient (slope) of a line segment
- ☐ Slopes of parallel lines

- ☐ Distance and midpoint formulae
- ☐ Equations of Lines
- ☐ Perpendicular lines

Trigonometry

- ☐ Right triangle trigonometry
- ☐ Law of sines and cosines
- ☐ Graphs of sine and cosine
- ☐ Unit circle trigonometry

- ☐ Trigonometric ratios of 0° , 30° , 45° , 60° , 90°
- ☐ Area of triangle
- ☐ Radian measure
- ☐ Sum and difference formulae

SUMMARY STATEMENT

Please use the space below to discuss the candidate's quality and promise as a college-preparatory student. We are particularly interested in the student's character, maturity, values, and special interests and talents.

I recommend this candidate for TASIS:

Character:

☐ Not recommended ☐ Without enthusiasm ☐ Fairly strongly ☐ Strongly ☐ Enthusiastically

Academic Ability:

☐ Not recommended ☐ Without enthusiasm ☐ Fairly strongly ☐ Strongly ☐ Enthusiastically

Teacher Signature

Date: _____

[Please return this form to the TASIS Admissions Office](#)

By email to:

admissions@tasis.ch

By mail to:

TASIS The American School in Switzerland
Admissions Office
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