

# CHART OF TEACHING PREFERENCES

At Proof School the academic year is divided into five blocks, bridged by “build weeks” featuring themed activities, student workshops, or field trips. Within a given block math courses generally belong to a single broad category, such as algebra, analysis, or geometry. Therefore teachers must be able to teach across the math curriculum, although not necessarily at the highest level within each category. Classroom teaching styles vary, but typically include components such as small group work on handouts, individual check-ins, review games, interactive lecture, and other creative formats.

To facilitate planning, please indicate your teaching preferences for *every* afternoon course listed below using the following guide, either by making annotations directly on this PDF file or by printing, completing, and scanning this page.

- $E$  = I am eager to teach this course, because of both a strong background and interest in the subject.
- $W$  = I would be fine teaching this course, having adequate background or the willingness to become sufficiently familiar with the subject.
- $R$  = I am reluctant to teach this course, for instance due to insufficient background or lack of interest in the subject.

$R$ Problem Solving	$W$ Basics of Geometry	$E$ Intro Number Theory
$E$ Combinatorics	$W$ Euclidean Geometry	$W$ Quadratic Reciprocity
$W$ Graph Theory	$W$ Projective Geometry	$E$ Elliptic Curves
$W$ Discrete Probability	$E$ Exps, Logs and Trig	$R$ Game Theory
$E$ Algebra 1 or 2	$E$ Diff/Integral Calculus	$E$ Topology
$E$ Polynomials/Inequalities	$W$ Multivariable Calculus	$R$ Statistics
$E$ Linear Algebra	$W$ Differential Equations	$W$ Intro to Python
$E$ Group Theory	$W$ Intro to Real Analysis	$R$ Data Structures

# EMPLOYMENT PREFERENCES

A standard load for math teachers at Proof School consists of teaching a single two-hour math class each afternoon (for a total of five math courses, one per block) along with service to the school such as offering mini-courses, supervising club activities, and chaperoning students to and from public transportation. We are also open to part-year and intern arrangements. Indicate your preference below.

- ☒ I am interested in a full-year standard teaching load. Salary range for first year of employment in 2024-25 is \$64,453 to \$85,938; salary range for the second year in 2025-26 is \$66,387 to \$106,219.
- ☐ I am available on a part-year basis and can teach math courses during certain parts of the academic year. (Please contact us first to determine what arrangements are feasible.)
- ☐ I am interested in a year-long internship at Proof School. (Available to college graduates who are 25 years old or less. In this case, please contact the school for a separate, simplified application.) Compensation for a 2024-25 Proof School internship is set at \$57,322.