

Earn your certificate as a Math Specialist in International Schools



Sharpen your mathematical practices with the Mathematics Specialists in International Schools (MSIS) two-year certification program. Led by internationally reputed AERO math consultant Erma Anderson, the cohort model is broken up into four (4) institutes over the two years. The MSIS program is designed to enhance teacher understanding of mathematics, how students learn mathematics, and how to determine evidence of student understanding of mathematics.

These interactive, cohort-based workshops are offered by Shanghai Community International School, Pudong Campus. Attendees can join physically* at SCIS Pudong or virtually via MS Teams. Due to the interactive nature of this program, participant must enroll with teacher teams of two or more from the same school.

*Physical attendance is subject to government regulations. If physical attendance is impacted by changes in government regulations, institutes will be offered virtually on MS Teams.

Institute 1: Numbers and Operations

Focus: Ways of representing numbers, relationships between number systems, the meaning and relationships of operations, and computation within the number system as a foundation for algebraic thinking.

All sessions from 5:00-7:00pm China Time
Feb 6, Feb 20, March 6, March 20, April 10, and April 24*
Cost: \$450 (6 days of 2-hour sessions)

Institute 3: Proportional Reasoning

Focus: The progression of fractions, rational numbers, decimals, percents, and ratio & proportions to develop proportional reasoning skills. Problem solving is a major emphasis of this institute.

Jan-Feb 2024*- specific dates and times TBD
Cost: \$450 (6 days of 2-hour sessions)

Institute 2: Algebraic Thinking

Focus: The transition from arithmetic to algebra, working with description and prediction of quantitative change. Understanding the importance of providing opportunities for students to engage in solving rich mathematical tasks.

Sept-Nov 2023*- specific dates and times TBD
Cost: \$450 (6 days of 2-hour sessions)

Institute 4: Geometry and Measurement

Focus: The foundations of informal measurement and geometry. The van Heile model for geometric learning will be used as the framework to demonstrate how students build their conceptual understanding.

March-April 2024*
- specific dates and times TBD
Cost: \$450 (6 days of 2-hour sessions)

*All dates are subject to change in compliance with government regulations.

Learn more
and sign up here



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