



PATTERNS, PUZZLES, AND MATH

Wednesdays, September 16-December 16

No class October 14 or November 25

9:30am-10:30am (ET)

Ages 8-10

Elementary math concepts are taught and reinforced through puzzles, games, and fun hands-on learning activities throughout this course. Students work with numbers to study quantity, structure, space, symmetry, change, measurement, and how to seek and use patterns to formulate new conclusions.

Location: Online.

Course fee: \$180 OR \$10/lab (*\$20/lab with materials)

50% off sibling discount available

LAB SCHEDULE:

TANGRAM CHALLENGE – Wednesday, September 16

In this math lab, students use symmetry and pattern recognition to create puzzles and explain relationships of shapes.

GEOMETRY ORIGAMI – Wednesday, September 23

Students use math and fine motor skills in this lab to understand how 3-dimensional objects are created with paper.

MATH IN SCIENCE* – Wednesday, September 30

This week, we investigate patterns in numbers, and how numbers are used to as scientific data, including measuring speed, distance, volume and mass.

MARIO & MINECRAFT* – Wednesday, October 7

We have fun with numbers this week as we solve and create our own math puzzles with Mario Brothers and Minecraft themes.

MATH DETECTIVES* – Wednesday, October 21

Students work together as a detective team to find number clues, use math and logic to solve mysteries and puzzles, and figure out lock combinations to escape the room!

THEORIES AND RIDDLES – Wednesday, October 28

In this math lab, students solve numerical riddles and explore math theories as they work with logic and number patterns to challenge their brains.



LEGO® MATH – Wednesday, November 4

This class is all about hands-on math using LEGO®. From addition and subtraction, to fractions and geometry, using LEGO® bricks is a fun way to reinforce elementary math concepts.

FIBONACCI SEQUENCE – Wednesday, November 11

We learn about the Fibonacci Sequence, and explore spirals in nature and art to determine if they fit this numerical pattern.

MATHEMATICS OBSTACLE COURSE – Wednesday, November 18

This week we solve math problems to race through a Mathematics Obstacle Course.

BOARD GAME MATH* – Wednesday, December 2

Students design and create their own board game based on logic, strategy and math.

BUILDING WITH MATH* – Wednesday, December 9

In these labs, students work on their measuring skills as they design and build a LEGO® project that requires accurate measurements.

MINUTE TO WIN IT SCIENCE EDITION* – Wednesday, December 16

Kids use math and science tools to complete one-minute science lab challenges.

www.DiscoverScienceCenter.com