

# Weekly Sessions Season I



#### Glow-in-the-Dark Geometry

Glowsticks bring repeating patterns and 3D shapes to life in kids' hands!

**Grades K-2:** 2-D geometric shapes; Counting; Pattern recognition; Building a cube

Grades 3-5: 2-D, 3-D geometric shapes; Pattern recognition: shapes, numbers



## **Beach Ball Party**

Forget flash cards. Master math facts with our numbered beach ball!

Grades K-2: Addition and subtraction; Comparison of numbers; Logic: thinking ahead multiple steps

Grades 3-5: Addition and subtraction; Multiplication; Logic: thinking ahead multiple steps



#### **Bouncy Dice Explosion**

Roll the dice and do the math to capture the winning Bingo square!

Grades K-2: Addition; Counting; Frequency; Subtraction, Strategic thinking

Grades 3-5: Addition; Multiplication; Order of operations; Simple combinatorials; Simple probability



#### Crazy 8s Race

Teams speed around a figure 8 racetrack to be the first to  $8 \times 8!$ 

Grades K-2: Addition; Introduction to the concept of multiples of 8; Number recognition

**Grades 3-5:** Addition; Multiples of 8; Factoring (bonus)



#### Piece of Cake

No matter how you slice it, learning fractions is fun when you play with cakes!

**Grades K-2:** Use manipulatives to add fractions with the same/different denominators; Comparing fractions; Finding common factors; Finding equivalent fractions.

**Grades 3-5:** Use manipulatives to add fractions with the same/different denominators; Comparing

fractions; Finding common factors; Finding equivalent fractions.



## **Daring Darts**

Supersize the math fun in this game of floor darts!

**Grades K-2:** Addition; Number recognition; Number value comparison; Subtraction

**Grades 3-5:** Addition; Subtraction; Multiplication



#### **Funny Money**

It's payday! Compare coins, race to earn money, then go shopping for a cool puzzle.

Grades K-2: Addition; Basic financial literacy; Skip counting; Valuing, comparing units of money

Grades 3-5: Addition; Subtraction; financial literacy; Skip counting; Valuing, comparing units of money



#### **Spy Training**

Solve math-y codes for clues to unlock the hidden spy gear!

Grades K-2: Association between sets; Adding; Subtracting; Number recognition; Pattern recognition

Grades 3-5: Association between sets; Multiplication; Number recognition; Pattern recognition