

# Brookfield Summer Camp Class Descriptions

## SESSION #1 (June 18–June 29)

### **Math πrates (Grades 1-2) (led by Mrs. Laborde-Lagrange)**

Learn math concepts through play (counting/multiplying), simple food preparation (fractions), building (volume with Legos), and much more! We will explore the math that is all around us and celebrate what we learn. We will improve our ciphering skills while having fun.

### **The Sounds of Music (Grades 2<sup>nd</sup> to 8th) (led by Mrs. Buck)**

In this class, students expand their musical vocabulary, pitch matching, and rhythmic abilities through songs, chants, and the use of pitched and un-pitched percussion instruments. They develop listening skills, concentration, and a sense of timing as more complex and ensemble activities are introduced. This is a great class for musicians who would like to explore the musical possibilities all around them.

### **Woodworking (Grades 3 to 8) (led by Mr. Josefson)**

You will learn the basics in an introductory woodworking class. Build a bird house, research best designs, and paint and decorate your house. The best ones will be chosen to display on the campus and help ease the bird “housing shortage” on the Brookfield campus! During the second week, another fun project will be added.

### **The Essentials of Self Defense (Grades 2-8) (led by Mr. Flolo)**

As one of the most intense sports out there, mixed martial arts demand more strength and endurance than most other workouts. Classes start with a brief cardio workout to get the heart rate up, followed by strength training and shadowboxing, before the real fun starts. The intense combat drills will test your physical and mental stamina, improving endurance and athleticism. Kicking, Boxing, and Ground Drills designed to simulate the short, intense rounds of an MMA match will leave you sweating and sore, but in the best shape of your life.

### **Breakout EDU (Grades 3-8) (led by Mrs. Renaud)**

There is a small box in front of you, locked in several different ways. Using clues from a story, it is up to your team to open the box before time runs out, and before any other teams, if possible. Players must use teamwork and critical thinking to solve the puzzle, and they must use their listening skills to decipher the clues. It is great fun and must be experienced to fully understand. Take a look at the website: [www.breakoutedu.com](http://www.breakoutedu.com)

### **Growing Your Green Thumb (Grades 2-8) (led by Ms. Janota)**

We will be learning all about what it takes to make things grow! We'll learn about what different plants need, soil quality, how much to water depending on the conditions, and different kinds of pest control strategies. We will be working in the raised bed as well as with an indoor Tower Garden. Learn how to grow your own plants and vegetables!

### **Fables and Fairy Tales (Grades 1 – 2) (led by Mrs. Laborde-Lagrange)**

Fairy tales and fables can seem like just simple stories that entertain and amuse us. However, these fantastical stories also contain valuable lessons that can offer unique learning opportunities and are important for developing imagination and creativity. We will be learning how to understand what we read, and learn strategies for remembering content and being able to explain what you read to others.

**Small Animal Care (Grades 1 – 5th) (led by Mr. Flolo)**

Small animals make super pets because they are so much fun, generally very playful, and can be so lovable! All small animals are not the same, however. Some are calmer and easier for a small child to hold, while others are frisky and take more attention. The housing and feeding requirements are also unique to each animal, just as each animal is unique. In this class, we will learn how to take care of small animals, and we'll find out what makes them special.

**Theater in French! (Grades 2 – 8) (led by Mrs. Laborde-Lagrave)**

All the joy of the stage...in French! We will be acting out fun scenes and short plays, all the while improving our French skills. You don't need to know French to take this class, (but you will learn some before you leave), you only need to have the ability to have fun pretending and performing.

**Yoga (Grades 1-8) (led by Mrs. Rosales)**

Test the depths of your patience, grace, strength, balance, and flexibility in this very dynamic practice. Yoga will include combination poses that will strengthen your body and enhance your balance and flexibility. As your ability to transition from one situation to another on your mat improves, you become ready to transition off of the mat and into your world. Get ready to dive deep, to enter the realm of the unknown, and to tap into your inner strength as we discover more peace and joy along the way.

**Circus, Circus! (Grades 1-8) (led by Mr. Flolo and Ms. Phang)**

Have you ever wondered what it would be like to be in a circus? In this class, we will practice specific skills and talents that a circus would find valuable. We will practice the basics of silk aerials, acrobatics, tightrope walking, clowning, balancing, and juggling. We will also learn about the origins and history of the American circus and about some of the famous people who appeared in them during the past 150 years.

**Magic, The Gathering – a Card Game (Grades 3-8) (led by Mr. Medrano)**

Magic, the Gathering is a collectible card game which encourages the creative construction of decks of cards that compete against each other. It inspired the "Collectible Card Game" genre and is responsible for offshoots such as Pokemon. The game is fun and intellectually challenging and is played competitively by bright minds throughout the world. It encourages creativity, critical thinking, understanding strategy, and decision making. It builds quick reading, vocabulary, and math skills, as well as social skills and self-esteem. In this class, we will briefly learn about the history of the game, its cognitive benefits, and about the availability of and types of cards. We will then learn how to create, test, and play decks of one's own design against other students and the instructor. Students who have an interest in continuing to play after this class is over or who already know how to play may play together during this class time or during their free times at camp.

**Origami (Grades 1-8) (led by Ms. Phang)**

From basic sail boats to intricate Star Wars characters, the art of paper folding is for everyone. We will learn basic techniques including valley and mountain folds, pleats, reverse folds, squash folds, and sinks. By the end of this class, students will have a better understanding of geometry and shapes, and will have several interesting creations they can present with any piece of paper.

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## **SESSION #2 (July 2-13)**

### **The Sounds of Music (Grades 2<sup>nd</sup> to 8th) (led by Mrs. Buck)**

In this class, students expand their musical vocabulary, pitch matching, and rhythmic abilities through songs, chants, and the use of pitched and un-pitched percussion instruments. They develop listening skills, concentration, and a sense of timing as more complex and ensemble activities are introduced. This is a great class for musicians who would like to explore the musical possibilities all around them.

### **What are the Odds? (Grades 3-8) (led by Ms. Laborde-Lagrange)**

Learn through Play! This class will focus on games that involve logic, strategy, probability, and chance. Students will be introduced to a variety of games and puzzles that require logic and reasoning skills in order to play and solve them. Chance, probability, and other math skills will be taught, using games to facilitate student familiarity with these concepts. We will employ numerous games and puzzles to explore the logic and odds of gaming, including but not limited to: coins, dice, cards, Sudoku and Color Sudoku, single- and multi-player (board) games, and puzzles that require logic and/or deduction (which could include: Guess Who, Mastermind, Rush Hour/Traffic Jam, Mancala, Battleship, and more). This class is sure to be informative wrapped up in fun!

### **Typing & Computer Skills (Grades 1-2) (led by Mr. Medrano)**

Get to know the basics of your computer, and learn how to type, as well! Your typing speed and accuracy on the keyboard will improve quickly thanks to educational games that everyone enjoys playing. Kids will get to see their improvement as they track their success in various typing and accuracy tests. Best of all, while you are learning, these games are great fun!

### **Survival of the Fittest (Grades 1-8) (led by Mr. Flolo)**

Are you competitive? This class will challenge you to develop mental, physical, and emotional strengths to be the best in our activities and to succeed in life. This class will be geared toward younger students and helping them develop habits of fitness that can last a lifetime. We will journey back in time to examine Herbert Spencer's theories and will learn to apply them to your workout routine, create a day-to-day diet nutrition plan, and develop mental fortitude.

### **Yoga (Grades 1-8) (led by Mrs. Rosales)**

Test the depths of your patience, grace, strength, balance, and flexibility in this very dynamic practice. Yoga will include combination poses that will strengthen your body and enhance your balance and flexibility. As your ability to transition from one situation to another on your mat improves, you become ready to transition off of the mat and into your world. Get ready to dive deep, to enter the realm of the unknown, and to tap into your inner strength as we discover more peace and joy along the way.

### **Breakout EDU (Grades 3-8) (led by Mrs. Renaud)**

There is a small box in front of you, locked in several different ways. Using clues from a story, it is up to your team to open the box before time runs out, and before any other teams, if possible. Players must use teamwork and critical thinking to solve the puzzle, and they must use their listening skills to decipher the clues. It is great fun and must be experienced to fully understand. Take a look at the website: [www.breakoutedu.com](http://www.breakoutedu.com)

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### **Hair's the Thing (Grades 1 to 8) (Led by Mrs. Laborde-Lagrange)**

Braids, Buns and Fishtails, oh my!!! Learn to make some of your favorite hairstyles, step by step. Or, practice your skills in the art of face painting: Learn to make fairy faces, superheroes, princesses, pirates and so much more. We'll work like the pros, prepping our clean materials, before practicing, as well as proper clean up techniques to start the fun again the next day!

### **Be Sharp: Study Skills (Grades 4-8) (led by Mrs. Renaud)**

Struggling to be a successful student? Don't get discouraged; it isn't magic! But it does require desire, dedication, and a lot of work. If you want to learn how to become a successful student, this is the class for you. It will teach you some of the essential skills required: active listening, reading comprehension, note taking, time management, test taking, and memorization strategies. When you apply these study skills principles, you'll not only improve your performance in school, but also your ability to learn in general, and that will improve your self-confidence and benefit you the rest of your life!

### **Beginning Cheerleading and Tumbling (Grades 1 – 4) (Led by Ms. Phang)**

This class introduces the basics of team cheerleading and tumbling. Kids will learn routines that are similar to those performed by competitive cheer teams in a way that is fun and safe. Students learn the fundamentals of motions, jumps, voice, basic tumbling, stretching for flexibility, and even stunts! These elements will help the students gain effective body control and the discipline of completing a whole routine. Cartwheels, bridges, bridge kickovers, backbends, backbend kickovers, and back walkovers are just a few of the tumbling skills that will be offered. If your child has an interest in cheerleading at the recreational, pop warner, or all-star level, this class is perfect introduction.

### **Magic, The Gathering – a Card Game (Grades 3-8) (led by Mr. Medrano)**

Magic, the Gathering is a collectible card game which encourages the creative construction of decks of cards that compete against each other. It inspired the "Collectible Card Game" genre and is responsible for offshoots such as Pokemon. The game is fun and intellectually challenging and is played competitively by bright minds throughout the world. It encourages creativity, critical thinking, understanding strategy, and decision making. It builds quick reading, vocabulary, and math skills, as well as social skills and self-esteem. In this class, we will briefly learn about the history of the game, its cognitive benefits, and about the availability of and types of cards. We will then learn how to create, test, and play decks of one's own design against other students and the instructor. Students who have an interest in continuing to play after this class is over or who already know how to play may play together during this class time or during their free times at camp.

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From basic sail boats to intricate Star Wars characters, the art of paper folding is for everyone. We will learn basic techniques including valley and mountain folds, pleats, reverse folds, squash folds, and sinks. By the end of this class, students will have a better understanding of geometry and shapes, and will have several interesting creations they can present with any piece of paper.

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## **SESSION #3 (July 16– 27th)**

### **The Sounds of Music (Grades 2<sup>nd</sup> to 8th) (led by Mrs. Buck)**

In this class, students expand their musical vocabulary, pitch matching, and rhythmic abilities through songs, chants, and the use of pitched and un-pitched percussion instruments. They develop listening skills, concentration, and a sense of timing as more complex and ensemble activities are introduced. This is a great class for musicians who would like to explore the musical possibilities all around them.

### **What's Happening? (Grades 3 to 8) (led by Ms. McDonough)**

In this class, students will have an opportunity to read about and discuss current events topics. Our discussions will not be simply ideological shouting fests. Instead, we will use meeting times to discuss and dialogue, and to gain a better understanding of both/all sides of an issue/event. By taking a sociological approach, students will be encouraged to incorporate a consideration of various social demographics or characteristics into their discussions, moving from the abstraction of politics into the grounded reality of who or what is actually affected by these debates -- i.e., why it matters. This course will encourage students to take a more personal interest in the world around them while also carefully cultivating and honing their critical thinking and analytical tools and skills.

### **The Essentials of Self Defense (Grades 1 to 3) (led by Mr. Flolo)**

As one of the most intense sports out there, mixed martial arts demand more strength and endurance than most other workouts. Classes start with a brief cardio workout to get the heart rate up, followed by strength training and shadowboxing, before the real fun starts. The intense combat drills will test your physical and mental stamina, improving endurance and athleticism. Kicking, Boxing, and Ground Drills designed to simulate the short, intense rounds of an MMA match will leave you sweating and sore, but in the best shape of your life.

### **Math pirates (Grades 1-2) (led by Mrs. Laborde-Lagrange)**

Learn math concepts through play (counting/multiplying), simple food preparation (fractions), building (volume with Legos), and much more! We will explore the math that is all around us and celebrate what we learn. We will improve our ciphering skills while having fun.

### **The Wacky Worlds of Dr. Seuss (Grades 1-2) (led by Mrs. McDonough)**

Review those important phonics skills while reading and discussing fun Dr. Seuss classics such as Fox in Socks, One Fish Two Fish, McElligot's Pool, On Beyond Zebra, The Sneetches, Horton Hatches the Egg, The Lorax, Bartholomew and the Oobleck, and The 500 Hats of Bartholomew Cubbins. Practicing phonetic patterns through real and nonsense words will be exciting! We'll also enjoy talking about the philosophical truths hidden in the stories; find out about Theodor Seuss Geisel himself; and learn why his 46 children's books continue to inspire a love for reading and writing today. We will even try to write our own nonsense-word story inspired by Dr. Seuss!

### **Crossfit (Grades 1-8) (led by Mr. Flolo)**

What are your fitness goals? How can you reach them? Mr. Flolo will be your personal trainer as you learn how to make a fitness goal and create a clear path to get there. CrossFit workouts are based on practical movements. Combined, these exercises take the best parts of gymnastics, weightlifting, running, rowing and more in order to create a comprehensive fitness system that will help you with every area of your life.

**Breakout EDU (Grades 3-8) (led by Mrs. Renaud)**

There is a small box in front of you, locked in several different ways. Using clues from a story, it is up to your team to open the box before time runs out, and before any other teams, if possible. Players must use teamwork and critical thinking to solve the puzzle, and they must use their listening skills to decipher the clues. It is great fun and must be experienced to fully understand. Take a look at the website: [www.breakoutedu.com](http://www.breakoutedu.com)

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**Incredible Edible (Grades 2 to 8) (Led by Mr. Flolo)**

Fun with food! Learn good nutrition fundamentals while discovering how much fun food can be. Using nothing more than a microwave, Mr. Flolo will lead the class in exploring different food preparations and presentations. The students will learn about how their body uses what they eat, and take home a few fun recipes they can make for their families.

**Typing & Computer Skills (Grades 1-2) (led by Mr. Medrano)**

Get to know the basics of your computer, and learn how to type, as well! Your typing speed and accuracy on the keyboard will improve quickly thanks to educational games that everyone enjoys playing. Kids will get to see their improvement as they track their success in various typing and accuracy tests. Best of all, while you are learning, these games are great fun!

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## **SESSION #4 (July 30<sup>st</sup> - August 10)**

### **What's Happening? (Grades 3 to 8) (led by Ms. McDonough)**

In this class, students will have an opportunity to read about and discuss current events topics. Our discussions will not be simply ideological shouting fests. Instead, we will use meeting times to discuss and dialogue, and to gain a better understanding of both/all sides of an issue/event. By taking a sociological approach, students will be encouraged to incorporate a consideration of various social demographics or characteristics into their discussions, moving from the abstraction of politics into the grounded reality of who or what is actually affected by these debates -- i.e., why it matters. This course will encourage students to take a more personal interest in the world around them while also carefully cultivating and honing their critical thinking and analytical tools and skills.

### **The Essentials of Self Defense (Grades 3 to 5) (led by Mr. Flolo)**

As one of the most intense sports out there, mixed martial arts demand more strength and endurance than most other workouts. Classes start with a brief cardio workout to get the heart rate up, followed by strength training and shadowboxing, before the real fun starts. The intense combat drills will test your physical and mental stamina, improving endurance and athleticism. Kicking, Boxing, and Ground Drills designed to simulate the short, intense rounds of an MMA match will leave you sweating and sore, but in the best shape of your life.

### **What's Out There? (Grades 1-2) (Led by Mrs. Meeker)**

Astronomy is an exciting area of science for young students because it is filled with wonder and creates a hunger for exploration. In this class we will study celestial objects (stars, planets, moon, asteroids, comets, galaxies, etc) that exist outside our planet's atmosphere, and find out what they have in common with our own planet. Astronomy is also one of the oldest sciences on the planet, and one of the most exciting for young minds.

### **Fables and Fairy Tales (Grades 1 – 2) (led by Ms. McDonough)**

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### **Yoga (Grades 1-8) (led by Mrs. Rosales)**

Test the depths of your patience, grace, strength, balance, and flexibility in this very dynamic practice. Yoga will include combination poses that will strengthen your body and enhance your balance and flexibility. As your ability to transition from one situation to another on your mat improves, you become ready to transition off of the mat and into your world. Get ready to dive deep, to enter the realm of the unknown, and to tap into your inner strength as we discover more peace and joy along the way.

### **Code Masters (Grades 3-8) (Led by Mrs. Meeker)**

As technology becomes an ever more integral part of our lives, learning basic computer programming isn't just a fun pastime, it's an important skill for grown-ups and children alike. Learning how to build simple websites and games helps kids refine their design, logic, and problem-solving abilities. It also allows them to express ideas and creativity in unique ways. This class will use Kodable to learn basic ways of thinking and the skills necessary to program computers.

### **Small Animal Care (Grades 2-8th) (led by Mr. Flolo)**

Small animals make super pets because they are so much fun, generally very playful, and can be so lovable! All small animals are not the same, however. Some are calmer and easier for a small child to hold, while others are frisky and take more attention. The housing and feeding requirements are also unique to each animal, just as each animal is unique. In this class, we will learn how to take care of small animals, and we'll find out what makes them special.

### **Beginning Photography (Grades 1 to 3) (led by Mrs. Laborde-Lagrange)**

Starting out in photography is a wonderful adventure, full of creativity and discovery. Learn to use a new camera and try to capture on film or digital media what you saw with your eye. We will explore topics such as focus, color, motion, lighting, subject, and composition as we learn to express what we see through photography. Students should try to provide their own cameras, but it is not essential.

### **Beginning Cheerleading and Tumbling (Grades 1 – 4) (Led by Ms. Phang)**

This class introduces the basics of team cheerleading and tumbling. Kids will learn routines that are similar to those performed by competitive cheer teams in a way that is fun and safe. Students learn the fundamentals of motions, jumps, voice, basic tumbling, stretching for flexibility, and even stunts! These elements will help the students gain effective body control and the discipline of completing a whole routine. Cartwheels, bridges, bridge kickovers, backbends, backbend kickovers, and back walkovers are just a few of the tumbling skills that will be offered. If your child has an interest in cheerleading at the recreational, pop warner, or all-star level, this class is perfect introduction.

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