

THIRTY-FIRST ANNUAL

FESTIVAL OF IDEAS

SATURDAY, MARCH 7, 2020 12:45-4:20 PM

BRIGHTON HIGH SCHOOL

Sponsored by Brighton Central PTSA



2020 IDEA CATALOG

ABOUT FESTIVAL

The Festival of Ideas is an educational “fun day” for Brighton students in grades three through eight. At this afternoon-long event you’ll attend your choice of three 50-minute workshops led by adult and teenaged experts.

HOW TO REGISTER

To attend Festival you **MUST** register in advance using the enclosed form. After reading the Idea Catalog, list your six favorite workshops on the registration form, and fill out the form completely. Put the form and your \$5 registration fee in an envelope addressed to “Festival of Ideas,” seal the envelope and return it to your homeroom teacher.

VOLUNTEERS NEEDED!

Parents and friends, adults and teens are invited to join the fun. If you can help out for an hour or two—or for the entire afternoon—please sign up using the enclosed form.

T-SHIRT ORDERS

Again this year, we’re offering a Festival T-shirt designed by a Brighton student. You may preorder your shirt for \$10 by filling out the enclosed order form. (Limited supplies and sizes will be available at Festival for \$15.)

TIES (Together Including Every Student)

Need some help from a student volunteer? Call Karen McGraw, TIES Coordinator, at 746-6422 or email her at karen_mcgraw@bcsd.org.

QUESTIONS?

Call Martha Sciremammano, at 271-8621.



Photo courtesy of Eric Gruner

1 DESIGN YOUR OWN FOOD TRUCK

5th - 8th graders ONLY

Explore the world of graphic design by designing your own food truck and logo! With Brighton artist Sarah Wisbey as your guide, you will creatively express your ideas with images and words. Let’s get your food truck ready for the next rodeo!

2 BALLOON-POWERED CARS

Design, build and test a balloon powered car to prove Newton’s Laws of Motion, with science teacher Derek Kelly.

3 CRIME SCENE INVESTIGATION

5th - 8th graders ONLY

May only be taken once.

Investigator Ryan Lehigh of the Brighton Police Department will show you how to dust for fingerprints and collect other evidence using crime scene investigation tools and equipment.

4 CLAY CREATIONS

Work with clay and glaze to make a small container for your treasures. Kate Whorton, Ceramics Director for Flower City Arts Center, will teach you some fun techniques.

5 COSTUME DESIGN

5th - 8th graders ONLY

Learn to design for a stage musical! NYC designers Jeremy Tjhung and Christian Couture will help you bring characters to life using fabric swatches, embellishments and more!

6 T-SHIRT PAINTING

Paint your own design on a T-shirt using stencils and stamps, or let your imagination guide your hand. Ann-Marie Davis will help you make a wearable work of art.

7 MINI GEM TREE

5th - 8th graders ONLY

Create a potted tree using craft wire and stone chips. Julie and Ron Brancato will guide you through the design process.

8 HIDDEN SIGNALS

Explore the hidden world of communications. Use radios, send Morse Code, find a secret transmitter and view live aircraft signals as they fly overhead. The Antique Wireless Association will be your guide.

9 SCIENCE EXTRAVAGANZA

4th - 8th graders ONLY

Investigate a variety of scientific principles in this hands-on workshop! Science students from Nazareth College will help you construct lava lamps, make slime and tie-dye paper, play with bouncing bubbles and more!

10 BUILD A BETTER PAPER AIRPLANE

Build and fly different models to see which goes the farthest. Learn about the factors that make airplanes soar with BHS juniors Ayesha Patel and Anissa Basnayake.

11 ACTING FUN!

Learn some acting techniques for creating interesting characters for the stage! You will then have your characters interact in made-up scenes under the direction of members of the BHS Drama Club and club advisor Colleen Parent!

12 CANDY BARK

3rd - 5th graders ONLY

May only be taken once.

Learn to make chocolate bark with Kim Joyce. Decorate your bark using tasty toppings.

REGISTRATION DEADLINE IS JANUARY 22!



Photo courtesy of Eric Gruner

13 SQUISHY CIRCUITS

3rd-5th graders ONLY

Squishy Circuits can electrify your play-dough! Learn how to create a circuit using your sculpture or animal, then add a battery and LED lights. RIT students will show you how.

14 CHEERLEADING

Learn basic skills in jumping, tumbling and cheering from the Brighton Cheerleading Team. Go Barons!!

15 YOUR DAY IN COURT

Judge Karen Morris will show you how a trial court works. You'll assume a role – judge, lawyer, plaintiff, defendant, witness or jury member – then conduct a trial. Will the jury find the defendant guilty?

16 BUILD A VIDEO GAME

Learn to build your own video game using code! Using an iPad and an app, RIT student Frank Sankey will take you from zero to coding in no time!

17 TV STUDIO PRODUCTION

Produce your own live program in a real TV studio. Led by the Brighton High School Morning Show crew, you will learn how to operate cameras, mixers, lights and recorders.

18 FUNKY FLUIDS

Have you ever wondered if ketchup is a liquid or a solid? Let RIT's Chemical Engineering students help you look at all sorts of liquids to learn why some make a mess when spilled and others don't! You'll make your own funky fluid, Oobleck!

19 CRAZY FOR DRAWING

Pick up a pencil and draw! With humor and skill, Brighton artist Peter Macon will share his love of drawing, so you can try your hand at sketching anything from animals to people to...the sky's the limit!

20 CHAINMAILLE METALWORKING

Make your own chainmaille project using the centuries-old technique of linking small rings of metal. RIT's Metalworks Club members will teach you how.

21 JUGGLING

Learn to throw, catch and move like a juggler with expert Jeff Peden. Start with one ball – anyone can do it – then learn to keep three balls in the air.

22 ARCHERY

6th - 8th graders ONLY

May only be taken once.

Ready, aim, shoot! Led by Jody Ferrara, an experienced archer and instructor, you'll learn the basics of archery: proper stance, aiming, safety and the joy of hitting your target.

23 I'M IN THE BAND™

Want to have fun playing in a band? Rochester Contemporary School of Music will introduce you to instruments and give you a taste of what it's like to create music in a rock band.

24 AWESOME CARTOONING

Have fun learning professional cartooning and caricatures from internationally known cartoonist Dave "Bippy" Boyer. Traditional and digital drawing will be highlighted as you combine basic shapes and colors to create your own cartoons.

Please choose only one of workshops #25, #26 and #27.

Students who participated in any of these workshops at previous Festivals will not be assigned to any of these again.

25 CAKE DECORATING

5th - 8th graders ONLY

Learn how to frost and decorate your very own cake. Kelly Scott from Get Caked Bakery will show you how to create an edible work of art.

26 CUPCAKE DECORATING

5th - 8th graders ONLY

Learn basic buttercream piping techniques with Wendy Strauss and decorate cupcakes like a professional.

27 CAKE CARVING & DECORATING

5th - 8th graders ONLY

Carve and frost a cake into a 3-dimensional treat! Jody Siegle will show you the techniques. We've seen cakes that looked like a cactus, a sneaker and a sofa! What will it be this year?

28 RADIO-CONTROLLED MODEL AIRPLANES

Members of the Radio Control Club of Rochester will show you the workings of model airplanes and demonstrate both gas and electric planes. Try a hands-on flight simulator!

29 SPEED DOGS

Meet and learn about greyhounds, the fastest dogs on earth! Mary Ellen Dangler will bring several former racing dogs and answer all of your dog-related questions.

30 SPA DAY

6th - 8th graders ONLY

Forget about buying beauty essentials—make them yourself! Nilia Rohatsch, C.H. teaches you how to make your own lip balm, hand scrub and bath bombs using materials you may already have at home.

31 THE SWEET SIDE OF CHEMISTRY

Why are Warheads® sour? Why do Pop Rocks® rock? How are gummy worms made? What gives candy its color? With hands-on activities, learn the answers to these questions and more with the MCC Chemistry Club.

32 ROWING

5th - 8th graders ONLY

Rowing builds endurance, strength, and teamwork, and it's fun! Work out with members of the Brighton Rowing Club. Learn on the "erg"!

33 SPARKLY SUNCATCHERS

Wrap colorful marbles and beads with wire to create original sun-catching creations of your own! Artist Jennifer Hutter will show you how.

34 CRAZY PITCHES

Who needs instruments when you sing with a beat boxer and 4-part harmony? The BHS a cappella group Crazy Pitches will teach you how it's done.

35 DISASSEMBLY REQUIRED

David Marcus will help you take apart small appliances and electronics to discover how all those pieces were put together in the first place. Reassembly NOT required!



Photo courtesy of Dan Goldman

36 SIGN LANGUAGE

Learn to communicate without speaking. RIT student interpreters will make a game out of learning the basics of American Sign Language.

37 GO WILD

Going, going, **SAVED!** Get up close to incredible endangered animals as a Seneca Park Zoo educator introduces you to some unique animal friends. You'll learn what zoos and you can do to help prevent animal extinction.

38 SKETCH IT UP

Create 3D models using PC software called SketchUp. It's simple to learn, but powerful enough to model anything you can imagine: your room, your house, your world. Engineer Russ Peralta will get you started.

39 HAND LETTERING

Learn fun and fancy hand lettering styles with artist Carol Henshaw!

40 MANGA & ANIME

Learn how these Japanese comics and cartoons began and practice some sketches and simple animation using this style, now popular around the world. Dave "Bippy" Boyer will share simple ways to get started.

41 SURVIVAL BRACELETS

5th - 8th graders ONLY

Using paracord, you will learn to tie the knots needed to construct a survival bracelet. BHS Friends of Rachel Club members will teach you how to make this very cool and popular piece of survival gear.

42 MORSE CODE BRACELETS

Like to keep people guessing? Make a bracelet with a coded message using different size beads to "tap out" the dots and dashes of Morse Code. Alice Rudolph will show you how.

43 HARRY POTTER AND THE LAW

Harry Potter fans will compete in a trivia contest with a twist. Judge Karen Morris will identify a law connected to each of the books' storylines, and each team will determine where in the books the law has relevance!

44 FIRE 911!

Want to go through a maze using a thermal imaging camera or operate the Jaws of Life? You can do these and more in this hands-on workshop with members of the Brighton Fire Department!

45 BAVARIAN PRETZELS

5th - 8th graders ONLY

May only be taken once.

Shape, bake and eat your own pretzel with your choice of toppings. Roseann Kraus will teach you how to make these tasty German treats.

46 MAGIC, MADNESS & MAYHEM

Brighton's own Sky Sands, a nationally-known comedian, will perform a hilarious minishow full of magic and practical jokes. Along the way, he'll teach you some tricks you can use to entertain your friends.

47 SCUBA DIVING

5th - 8th graders ONLY

May only be taken once.

Go scuba diving in the high school pool! This introductory lesson is given by instructors from Pisces School of Dive.

If you request this workshop, you MUST have a parent fill out and sign the waiver/release/medical form.

48 DANCE TO THIS BEAT

Learn new moves and create your own dances with other students! BHS graduate Tasha Colton will help you express yourself through dance.

49 KNITTING CREATIONS

May only be taken once.

Knitting is not just your grandmother's hobby any more. Learn the fundamentals of knitting with Betsy Liano. You will go home with needles, yarn and a project in process, as well as some patterns for future projects.

50 FIX YOUR BIKE

4th - 8th graders ONLY

Make bike repairs with volunteers from R Community Bikes. Patch a tube, adjust your brakes and get your bike ready for the spring! Bikes will be provided.

51 COMEDY IMPROV

Explore the basics of improv comedy with local performers Joanne Brokaw and Zack Ellis. Play games that will help you create humor on the spot. Laughter guaranteed!

52 ROBOTICS

5th - 8th graders ONLY

Kristen Hallagan and students from the BHS Robotics Club will help you assemble and program a simple robot to accomplish a challenging task.

53 CHESS: SPORT FOR THE MIND

New players will be introduced to chess fundamentals, and experienced players will find new challenges. Members of the Rochester Chess Center and Brighton Chess Club will bring chess clocks and sets. Learn "Bughouse" and "Blitz."

54 STOP-MOTION ANIMATION STUDIO

5th - 8th graders ONLY

May only be taken once.

Create a stop-motion animated video like Wallace and Gromit. You'll use a digital video camera, a laptop, clay, and poseable figures to create a short movie of your own. Animator Kevin Lamark will show you how.

55 ANIMAL HELPERS

Meet a therapy animal from Lollypop Farm! Learn the difference between service and therapy animals with Bri Morabito.

56 PHOTONIC SLEUTHS

Who stole the jewels? MCC Optics and Photonics professor Alexis Vogt and her students lead a search using the tools of photonic science to solve the crime. Learn the many ways that light helps us view the world!

57 GUITAR

4th - 8th graders ONLY

Learn to play your first few notes, chords, and even a song with life-long guitarists Ron Jodoin, Vern Lindberg and Dean Santos. Guitars provided; no experience needed.

58 ALCOHOL INK CREATIONS

Create colorful, vibrant jewelry and more! Danielle Wisset will show you how.

59 HENNA TATTOOS

5th - 8th graders ONLY

Make a fashion statement by decorating your hands with henna tattoos. Create your own temporary henna design with help from Neelam Bajaj.

60 PARKOUR

Members of Rochester Parkour will teach you how to vault over barriers, balance on bars, and test your skills in a "laser" maze!

61 RADIATION: FACT AND FICTION

What sets off a Geiger counter? You might be surprised! Nuclear specialist Jim Zapetis will expose the truth!

62 VOLLEYBALL

Bump! Set! Spike! Betsy McGowan and members of the Brighton HS volleyball team will teach you basic skills.

63 UKULELE

5th - 8th graders ONLY

Learn your first chords and turn those chords into songs with Rochester Ukulele Orchestra musician Randy Pollock. Ukes provided; no experience necessary!

64 COOKIE ARTISTRY

5th - 8th graders ONLY

Learn basic cookie decorating techniques with Charlie Materise. You'll be able to use different designs and other fun ways to create beautiful looking cookies!

65 YOGA +

Enjoy a great yoga class with Butterfly Kids Yoga and then decorate your own journal to take home!

66 MINERAL AND FOSSIL FUN!

3rd - 5th graders ONLY

Students from the SUNY Geneseo Geology Club will teach you about lava flows using slime, create fossil paper models, explore the formation of Earth's rocks using cookies, and more!

Design a T-shirt for our 31st Annual Festival!

HOW?

- Use one sheet of 8.5 x 11 inch white, un-lined paper.
- Use black ink - a Sharpie® works very well.
Do not use pencil. Do not color your picture.
- Draw a picture representing Festival of Ideas. Be creative!

HINTS

Tiny details don't show well on T-shirts. Neither do thin lines. So stick with large, bold designs. The simpler the design, the better.



IMPORTANT — DON'T FORGET TO:

Write your name, phone number, grade and homeroom teacher's name on the back of your drawing. (Otherwise we won't be able to contact you.)
Give your design to your homeroom teacher by Wednesday, January 22.

QUESTIONS?

Call Sheryl Silberman at 461-2573 or email her at etss49@outlook.com. We will call you if your design is selected.

67 KNOT KIDDING

5th - 8th graders ONLY

Master square knots, taut line hitches, bowlines and clove hitch knots with Boy Scout leaders Craig Kaplan and Dave Finger!

68 MARBLED PAPER

Using your favorite colors, paper, and a bucket of water, create your own marbled paper. Alyssa Cullen will teach you the process.

69 ORIGAMI WIND CHIMES

Learn to fold cranes and butterflies to create your own decorative wind chime. Ijlal Lenio will show you how.

70 BRAZILIAN JIU-JITSU

Learn basic self-defense! Instructors from Rochester Phoenix Martial Arts will teach you how to stop an opponent without striking.

71 BACKPACK BUDDIES

Create "kawaii" charms that can attach to your backpack or keyrings! Marlyne Brooks will help you bring the charms to life with colorful felt and simple sewing.

72 LEGO LETTERPRESS

Create your own poster using LEGO® bricks. Flower City Arts Center members will show you how to use water based ink and print on a real printing press.

73 STRING ART

Create string art plaques using nails, hammers, wood, and string with the visiting Israeli ShinShinim!

74 CURLING 101

Come try the hottest sport on ice! US National Champion Caitlin Pulli will teach you the basics.

75 CAN YOU DIG IT?

5th - 8th graders ONLY

What can bones tell us about the past? Go on a mock archaeological dig in this hands-on workshop. MCC professors Christina Lee and Dan Tyree will lead you on this adventure.



Photo courtesy of Eric Gruner