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.

**FESTIVAL OF IDEAS**
**SATURDAY, MARCH 7, 2020 12:45-4:20 PM**
**BRIGHTON HIGH SCHOOL**

**THIRTY-FOURTH ANNUAL FESTIVAL OF IDEAS**

**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**
4th - 8th graders ONLY
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 Lehligh 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 Porter, 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 Tjiang 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 a plastic sleeve. Julie and Ron Brancato will guide you through the design process.

**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” 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 746-6421 or email her at karen_mcgraw@bcasd.org.

**QUESTIONS?**
Call Martha Sciremammano, at 271-8621.

**THIRTY-FOURTH ANNUAL FESTIVAL OF IDEAS**
**SATURDAY, MARCH 7, 2020 12:45-4:20 PM**
**BRIGHTON HIGH SCHOOL**
**Sponsored by Brighton Central PTSA**

**2020 IDEA CATALOG**

**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 Ayasha 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!**
23 I'M IN THE BAND!
Want to have fun playing in a band? Rochester Contemporary School of Music will introduce you to playing 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 industrial and caricature 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.

28 SPEED DOGS
Meet and learn about greyhound and terrier dogs on earth! Mary Ellen Dangler will introduce you to the world of dog sports and answer all of your dog-related questions.

30 SPA DAY
6th-8th graders ONLY
Forget about beauty essentials—make them yourself! Nila Rohatsch, C.H., teaches you how to make your own lip balm, hand scrub and bath bombs utilizing 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 model? What gives candy its color? With hands-on activities, learn the answers to these questions and more with the MCC Chemistry Club.

32 ROWING
6th-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. Your students will go home with needles, yarn and a project in process, as well as some patterns for future projects.

35 DISASSEMBLY
5th – 8th graders ONLY
Learn the basics of electronics, how to test circuits, and reassemble small appliances and electronics to discover how all the parts fit together. We’ve seen cakes that looked like a cactus, a sneaker and a sofa! What will it be this year?

37 GO WILD
3rd-5th graders ONLY
Get up close to incredible endangered species as a Seneca Park Zoo educator introduces you to some unique animal friends. You’ll learn what zoos and aquariums 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.

40 MANGA & ANIME
Learn how these Japanese cartoons and comics began and practice some sketches and simple animation using this software called PhotoShop. You can do these and more in this hands-on workshop with members of the Brighton Fire Department!

42 MORSE CODE
Learn fun and fancy hand dashes of Morse Code. Alice Rudolph will show you how.

44 FIRE 911!
Fire Department!
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.”

50 BRACELETS
5th – 8th graders ONLY
Learn to create jewelry from animals to people to...the sky’s the limit! Artists from internationally known jewelry studio will perform a hilarious impromptu sketch to illustrate their process. Brighton artist Jen Boyer will bring several former racing greyhounds, the fastest dogs on earth! Mary Ellen Dangler will show you how to make this very cool and popular piece of survival gear.

51 COMEDY IMPROV
Explore the basics of improv and simple animation using materials you may already have at home. Laughter guaranteed!

52 ROBOTICS
5th – 8th graders ONLY
Kristen Hallagan and students from the BHS Robotics Club will help you assemble a 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.”

55 SPA DAY
6th-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 Pool of Dive. If you request this workshop, YOU MUST have a parent fill out and sign the waiver/release/medical form.

58 ALCOHOL INK CREATIONS
Create colorful, vibrant jewelry from internationally known jewelry studio will perform a hilarious impromptu sketch to illustrate their process. Brighton artist Jen Boyer will bring several former racing greyhounds, the fastest dogs on earth! Mary Ellen Dangler will show you how.

60 COMEDY IMPROV
Explore the basics of improv and simple animation using materials you may already have at home. Laughter guaranteed!
23 I'M IN THE BAND
Want to have fun playing in a band? Rochester Contemporary School of Music will introduce you to various 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 storyboarding 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.

26 CUPCAKE DECORATING
5th - 8th graders ONLY
Learn basic buttercream piping techniques with Wendy Strauss and decorate cupcakes like a professional.

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.

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

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Wrap colorful marbles and beads with wire to create an edible work of art.

34 CRAZY PITCHES
“Erg”!

40 MANGA & ANIME
Learn how these Japanese comics and cartoons began and practice some sketches and simple animation using this popular medium.

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!

47 SCUBA DIVING
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.

51 SURVIVAL BRACELET
5th - 8th graders ONLY
Learn to create humor on the spot. Play games that will help you practice some sketches and cartoons began

13 SQUISHY CIRCUITS
3rd-5th graders ONLY
Squishy Circuits can electrify your play-day! Learn how to create a circuit using your own room, and demonstrate both gas and liquid chemicals to discover how all things work.

21 JUGGLING
Learn to throw, catch and move like a juggler with expert Jeff Peden. Start with one ball — enough to model anything you already have at home.

29 SPEED DOGS
Meet and learn about greyhound racing's fastest dogs on earth! Mary Ellen Dangler will partner with you and provide an array of dog-related questions.

30 SPA DAY
6th - 8th graders ONLY
Forget about beauty essentials — make them yourself! Nikki Rohatich, C.H. teaches you how to make your own lip balm, hand scrub and bath bombs using materials you may already have at home.

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 Hemshaw.

41 BRAZILIAN WAXING
Learn to wax your friends.

42 MORSE CODE BRACELET
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 connection to each of the books’ storylines, and each team will determine where in the books the law has relevance!

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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 Lam will show you how.

55 ANIMAL HELPERS
Meet a therapy animal from Lollipops Family. Learn the difference between service and therapy animals with Ari Alarid.

56 PHOTONIC SLEUTHS
Who stole the jewels? MCC Optics and Photonics professor Alang Dhu will demonstrate how you can lead a search using the tools of photonics science to solve the crime. Learn the many ways that light helps us view the world!

57 GUITAR
4th - 8th graders ONLY
May only be taken once.
Create a mosaic using a guitar and create some music with life-long guitarists Ron Jodoin, Vern Lindberg and Dean Jodoin. Notes, chords, and even a song are provided.

58 ALCOHOL INK
Painting and experiment with internationally known artist, David Marcus will help you take your art to the next level. Learn to create alcohol ink on a variety of materials and demonstrate both gas and liquid chemicals to discover how all things work.
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 “lasser” maze!

61 RADIATION: FACT AND FICTION
What sets off a Geiger counter? You might be surprised! Nuclear specialist Jim Zapetis will teach you about lava flows.

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 tune 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 using techniques with Charlie Matterise. You’ll be able to use different designs and other fun ways to create beautiful looking cookies!

65 YOGA +
Enjoy a 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 and teach you about lava flows.

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. Ilja Lenir 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 keyring! 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, hammer, wood, and string with the visiting Israeli ShorBimmi.

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 archeological dig in this hands-on workshop. MCC professors Christina Lee and Dan Tyree will lead you on this adventure.

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Create a potted tree using mini gem stones. Davis will help you make a small container for your tree. Finish it up with a partial tree.

79 LIMPET SEARCH
Learn to make chocolate bark with buttery kisses, streams of candy, and edible leaves! Jim Basnayake.

80 BRUSH STROKES
Create good brush strokes on your t-shirt with a Sharpie® and black chalk marker! May only be taken once.

81 3D DESIGN
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!

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