1 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.

2 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.

3 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.

4 PHOTOGRAPHY
The BHS Photo Club will teach you how to use a DSLR camera. Learn composition, framing, and controlling the settings. Upload your images and select one to print!

5 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.

6 FROM CUP TO BOWL
Turn a paper cup into a decorative bowl using a yarn weaving technique. Julie Brancato will guide you through the steps.

7 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!

8 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.

9 SQUISHY CIRCIRTS
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. Larissa Plaskon and Jacob Felice will show you how.

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 senior Jack Kleinman.

11 CURLING 101
Come try the hottest sport on ice! US National Champion Caitlin Pulli will teach you the basics.

12 ALCOHOL INK CREATIONS
Create colorful, vibrant jewelry and more! Danielle Wisset will show you how.

13 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!

14 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!
15 COMEDY IMPROV
Play comedy games and work on comic timing and character development. Come prepared to laugh along with Melissa Balmain and Patricia Farneth, local improvisation performers.

16 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?

17 SNAKES & REPTILES
Touch, hold and learn about exotic snakes and other reptiles, with collector and breeder Jason Butcher.

18 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.

19 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.

20 CHEERLEADING
Learn basic skills in jumping, tumbling and cheering from the Brighton Cheerleading Team. Bring out your inner cheerleader in this exciting and fun-filled workshop!

21 CRAZY FOR DRAWING
With humor and skill, Brighton artist Peter Macon will share his love of art and drawing, so you can improve your drawing of anything from animals to people to ... the sky’s the limit!

22 STOP-MOTION ANIMATION STUDIO
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.

23 AWESOME CARTOONING
Learn 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.

24 CRIME SCENE INVESTIGATION
Experience a crime scene investigation. 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.

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

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

27 CAKE CARVING & DECORATING
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 FENCING
Fencing is fun, disciplined, daring, athletic, exciting, safe and very cool! Instructors from the Rochester Fencing Club will help you take a stab at it. Safety equipment will be provided.

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 ARCHERY
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.

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

32 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.

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 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.

35 GRAPHIC DESIGN
From sports team logos to music album covers ... graphic design is everywhere! Lili Schwartz will teach you how professional graphic designers use words and images to communicate. Get ready to think creatively!

Visit the Festival photo album online at https://www.bcsd.org/festival
40 SIGN LANGUAGE
Communicate without speaking? Open yourself up to a whole new world! Marv and Sora Sachs make a game out of learning the basics of American Sign Language.

41 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 fizzy playdough, play with bouncing bubbles and more!

42 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.

43 COMPUTER SIMULATIONS
Would you like to build a catapult, make a skier slide down a ski jump, make cubes fly through a maze and lots more? Robert Veitch will show you how using the computer program Interactive Physics.

44 PAPERMAKING
Make paper for use as stationery, greeting cards or simply as a work of art using various materials and dyes. Participants can make up to 12 sheets. Artists from The Flower City Arts Center will show you how.

45 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.

46 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.

47 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.

48 BAUERIAN PRETZELS
5th - 8th graders ONLY
May only be taken once. Shape, bake and eat your own pretzel with your choice of toppings. Roseann Krauss will teach you how to make these tasty German treats.

49 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.

50 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!

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

52 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 Arvind Rao will get you started.

53 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.

54 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!

55 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.

56 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.

57 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.”
58 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.

59 TINY TERRARIUMS
With Brian Eshenaur’s guidance, you’ll build a tiny world. Learn about the terrarium ecosystem, then work with sand, stones, soil and moss to create the perfect environment for a creature!

60 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!

61 ANIMAL HELPERS
Meet a therapy animal from Lollypop Farm! Learn the difference between service and therapy animals with Esca Stumpf.

62 SWEET SHOPPE
5th - 8th graders ONLY
May only be taken once.
Ida Marra will help you make beautiful chocolates and a 3-D sweet sculpture using professional decorating tools.

63 COOKIE ARTISTRY
5th - 8th graders ONLY
Learn basic cookie decorating techniques with BHS senior Anna Maywar. You’ll be able to use different designs and other fun ways to create professional looking cookies!

64 YOGA FOR ATHLETES
Many pro athletes use yoga to help enhance their performance. Allison Picciano from Butterfly Kids Yoga will show you how to improve flexibility, focus, and strength in this non-competitive and fun class.

65 CAN YOU DIG IT?
Go on a mock archaeological dig for mysteries of the past in this hands-on workshop. MCC professors Christina Lee and Dan Tyree will lead you on this adventure.

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

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

68 MINERAL AND FOSSIL FUN!
3rd - 5th graders ONLY
Students from the SUNY Geneseo Geology Club will help you make your own toothpaste from everyday minerals, create fossil paper models, explore the formation of Earth’s rocks using cookies, and more!

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

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

Design a T-shirt for our 30th 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 23.

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