UNLEASH YOUR INNER INVENTOR.

littleBits INVENTIONS

2 littleBits Basics

4 Breezy Buddy
5 Spinmate
6 Megablaster
8 Wireless Doorbell
9 Mischief Machine
10 Bubblebot
12 Bumperball
14 Bitbot
16 Rotolamp
18 Spy Box

20 Bit™ Index
20 Trouble shooting
23 littleBits Invention Cycle

GIZMOS & GADGETS
**ANATOMY OF A BIT**

Learn how you can tell top from bottom.

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**MAGNET MAGIC!**

Bits snap together with magnets. The magnets are always right — you can't snap them together the wrong way.

---

**COLOR-CODED BY FUNCTION**

Bits are grouped into four different categories, which are color-coded.

- **Power (Blue)**: Power Bits, plus a power supply, run power through your circuit.
- **Input (Pink)**: Input Bits accept input from you or the environment and send signals that affect the Bits that follow.
- **Output (Green)**: Output Bits do something — light up, buzz, move…
- **Wire (Orange)**: Wire Bits connect to other systems and let you build circuits in new directions.

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**BIT FEET**

**OPEN HARDWARE SYMBOL**

**LITTLEBITS LOGO**

**BOTTOM**

---

**ARROWS SHOULD POINT IN THE SAME DIRECTION**

If the Bits won’t snap together, try snapping them together the wrong way.

---

**SLIDE THE DIMMER BACK AND FORTH AND SEE HOW IT AFFECTS THE BARGRAPH.**

---

**DON’T FORGET TO CONNECT YOUR CABLE & 9 VOLT BATTERY.**

---

**POWER YOUR CIRCUIT. WHEN THE POWER BIT™ IS ON, YOU’LL SEE A RED LIGHT.**

---

**BUILD DIRECTION**

**BIT NAME**

---

**BUILD & PLAY WITH THIS CIRCUIT FIRST**

---

**POWER IS IMPORTANT**

Power Bits always come first and Input Bits only affect the Output Bits that come after them.

---

**SOME BITS ARE ADJUSTABLE**

Switches, buttons, and sensitivity dials on the board allow you to change how the Bit functions.

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**THE LITTLEBITS INVENTION CYCLE**

Keep an eye out for these icons as you’re inventing! Learn more about the LittleBits Invention Cycle pg 23

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**LITTLEBITS IS A PLATFORM OF ELECTRONIC BUILDING BLOCKS FOR YOU TO CREATE INVENTIONS LARGE AND SMALL.**

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**DOWNLOAD THE LITTLEBITS APP TO GET INSPIRATION FOR NEW PROJECTS AND STEP-BY-STEP INSTRUCTIONS FOR INVENTIONS AND COMMUNITY CHALLENGES. DISCOVER A WORLD OF INFINITE INVENTING POSSIBILITIES.**

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**LEARN MORE ON PAGE 23**
### Breezy Buddy

Creating your own electronic inventions can be fun, and functional! Whether your classroom feels like the surface of the sun or you want to bring the breeze with you on your next nature walk, this simple fan will keep you cool.

**Materials:**
- power
- tape
- stickers

**FAN OF FORTUNE**

A spinning fan can do more than blow air. Could your power the breeze of fortune teller? Add the Fan of Fortune and let your imagination run wild.

**Create a fortune teller.** Ask the Fan of Fortune questions and let your imagination run wild. Can yours predict the future?

**Slide Dimmer**

Use the fan’s spinning motion to create a fortune teller. Roll some dice, flip a coin, or write a fortune teller to get inspired.

**Materials**
- adhesive shoes
- Glue Dots
- paper plate
- markers

**Slide Dimmer**

Turn power on and move the slide dimmer. How does it change the speed and direction of your motor? **Troubleshooting pg 19**

**Customize:** Can you make your Breezy Buddy into a wearable fan? Use craft materials from around the house to attach to your body or clothes.

**Make a spinning sign for your lemonade stand or a creature that dances dizzyly on your desk!** Create this versatile invention and let your imagination run wild.

**Make sure the DC motor Bit is in VAR (variable) mode.** **LEARN MORE pg 15**

**COMMUNITY CHALLENGE:** How would you show your personality on a sign? What do you want to say?

**DESSERTS DinDances DIZZILY On your DESK!**

**LITTLEBITS.CC/GGKIT & THE APP**

**Create this versatile invention and let your imagination run wild.** Can you design an invention around the idea of chance? Roll some dice, flip a coin, or write a fortune teller to get inspired.

**Can you make your Breezy Buddy into a wearable fan? Use craft materials from around the house to attach to your body or clothes.**

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MEGABLASTER

IT’S A BIRD! IT’S A PLANE! IT’S SUPER KID! If you could have one superpower, what would it be? Would you walk through walls? Turn bad guys to stone? With a few Bits™ and a little imagination, you can blast that power onto anything! Just use the slide dimmer on your wrist cuff to activate a bargraph in the palm of your hand. When it’s at full capacity, **POW!** Shoot your imaginary power wherever it’s needed.

**TIME** 15 MIN

**LEVEL**

<table>
<thead>
<tr>
<th>Bits™ Template</th>
<th>Battery &amp; Cable</th>
<th>i5 Slide Dimmer</th>
<th>a6 Hook &amp; Loop Shoes (x5)</th>
<th>o9 Bargraph</th>
</tr>
</thead>
</table>

1. **BUILD YOUR CIRCUIT**

   - Power
   - Slide Dimmer
   - Wire

2. **Make the Wrist Cuff**

   - Tape template A to itself as shown while it is wrapped around your arm.

3. **Make the Superpower-Blasting Hand Piece**

   - Cut a 2” (5cm) hook & loop strip, and stick it to your hand. Press the bargraph portion of the circuit to the strip.

4. **Wrap the Wrist Cuff**

   - Wrap it around your wrist with the battery on the inside and tape it in place.

5. **Power on. As you slide the dimmer, the LEDs on the bargraph should light up in a row.**

6. **Customize:** Stick the bargraph to either the back or front of your hand, depending on which superhero you are.

7. **Make the Superhero Costume:**

   - Decorate template A from your Kit. This will be your Megablaster wrist cuff. Think about your favorite superhero for inspiration.

8. **You’re a superhero!**

   - Slide the dimmer to light up the bargraph and activate your imaginary power.

**COMMUNITY CHALLENGE:**

If you could have any superpower, which one would you choose? What will pets be wearing in THE YEAR 3000? Create futuristic pet fashion with Bits and share the look.

**FULL INSTRUCTIONS ONLINE AT LITTLEBITS.CC/GGKIT**
CREATE AN INVENTION THAT KEEPS PEOPLE FROM SNEAKING INTO YOUR PRIVATESPACE! Your new doorbell will alert you when someone wishes to enter by sending a wireless signal from outside the door to the buzzer inside your room. Could you use this system to communicate secret messages without your parents knowing? Show us how you’re using the wireless doorbell on our community pages.

You’re going to build two circuits that talk to each other wirelessly. First build your wireless transmitter circuit, which will send a signal to the buzzer in your room, making it go off. You're going to build two circuits that talk to each other wirelessly. First build your wireless transmitter circuit, which will send a signal to the buzzer in your room, making it go off.

2. Now build the receiver circuit. This will be the buzzer in your room. Press on hook & loop shoes to keep your circuit together.

3. Cut pieces of the hook & loop strip and stick them to the place you want your doorbell to install in your room and turns on a light. When someone walks into a room and turns on a light.

COMMUNITY CHALLENGE: Create a secret language inside of buzzes. Share your language on our community pages. LITTLEBITS.CC/GGKIT & THE APP

4. GUESTS CAN NOW ANNOUNCE THEIR ARRIVAL BY COVERING THE LIGHT SENSOR TO “PRESS” THE DOORBELL. Try adjusting the sensitivity on the light sensor and see if you can get it to detect the shadow of anyone approaching your room.

WIRELESS TRANSMITTER

OBSERVE

MISCHIEF MACHINE

CREATE AN INVENTION TO MAKE YOUR PARENTS SHRED! ص: A pair of wireless bits™ and a servo help you pull this prank on unsuspecting friends and family while you watch it all go down. Wirelessly control the mechanical arm to rustle whatever you put it into – is it a mouse or a monster? Who knows? Just hope they don’t prank you back.

You’re going to build two circuits that talk to each other wirelessly. First build your wireless transmitter circuit, which will work as your remote controller, sending a signal to the mechanical arm. Then press it on a mounting board.

1. Build the first circuit: This will be the wireless transmitter circuit that will enable you to use the wireless doorbell on our community pages.

3. BUILD YOUR PRANK ARM. On the receiver circuit, assemble the servo mount, hub, and mechanical arm using a Phillips-head screwdriver.

4. PRESS YOUR RECEIVER CIRCUIT ONTO A MOUNTING BOARD.

5. MISTERY THE ENTIRE RECEIVER CIRCUIT INSIDE A CHIP BAG and play it wherever your unsuspecting victim will find it. Quickly slide the dimmer back and forth when you’re ready to show the daylight out of focus.

COMMUNITY CHALLENGE: How loud can you make someone scream? Take a video of your pranked pal and share it on the community page!

The servo hub has two hole sizes, the arm will screw into them.

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REMIX

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CUSTOMIZE: WHERE ELSE CAN YOU USE THE MISCHIEF MACHINE? Could you stick it in a drawer or under your brother’s bed? LITTLEBITS.CC/GGKIT & THE APP

COMMUNITY CHALLENGE: Create a full-blown course of obstacles and a maze. Map it out! What would a full course look like in the desert or the Arctic? Share your landscapes with the community and check out what others have done.

Service

STUFF GUARD

PRIVACY, PLEASE! Keep your parent’s or sibling’s grabby fingers out of your stuff by setting up a wireless system. By installing the light sensor (transmitter circuit) in your drawer, you’ll know that someone is looking through your stuff when your buzzer goes off on your receiver circuit.

MATERIALS

• drawer or secret compartment

• mounting board

1. SETUP YOUR ALARM. Opening the drawer should set off your buzzer, even if your receiver circuit is on the opposite end of your house. Busted!

TROUBLESHOOTING PG 30

COMMUNITY CHALLENGE: WHAT ELSE CAN YOU MAKE WITH YOUR WIRELESS PRANK ARM? Try building a mechanical arm help you pull this prank on unsuspecting friends and family while you watch it all go down. Wirelessly control the mechanical arm to rustle whatever you put it into – is it a mouse or a monster? Who knows? Just hope they don’t prank you back.

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COMMUNITY CHALLENGE: Create a full-blown course of obstacles and a maze. Map it out! What would a full course look like in the desert or the Arctic? Share your landscapes with the community and check out what others have done.
Using household objects and a few of our favorite Bits®, you can create BIG, BEAUTIFUL BUBBLES AS IF BY MAGIC. Dip the bubble tube in bubble mix and slowly move the slide dimmer to watch your bubbles come to life. Control how quickly the bubble grows by keeping an eye on the bargraph – it tells you how much power you’re sending to the fan.

BUILD YOUR BUBBLEBOT CIRCUIT.

1. BUILD YOUR BUBBLEBOT CIRCUIT: Press your circuit onto the mounting board. Press the feet onto the mounting board. Taping the tube to the mounting board will also help keep it in place.

2. PRESS YOUR CIRCUIT ONTO THE MOUNTING BOARD: Stick the battery on using Glue Dots®.

BUILD THE BUBBLE TUBE.

3. BUILD THE BUBBLE TUBE. Decorate template B before you fold it. Fold template B to form a rectangular tube and tape along the tab.

4. Place the fan against the end of the bubble tube that has the three paper tabs. Make sure you position the fan so it’s blowing air into the tube.

5. FLIP THE FAN AND TUBE OVER AND PRESS THE FEET ONTO THE MOUNTING BOARD. Taping the tube to the mounting board will also help keep it in place.

COMMUNITY CHALLENGE: TRY OTHER MATERIALS. Give your Bubblebot some personality. Swap your paper tube for containers around the house to make your invention more interesting, and sustainable! Can it be a hot air balloon, or a bubble-blowing barnyard animal? Decorate the container to transform your bot!

FULL INSTRUCTIONS ONLINE

AT LITTLEBITS.CC/GGKIT

Adding a few drops of glycerine (available at most drug stores) to the solution will make your bubbles even bigger.

Cutting fringes along the edge of the bubble tube allows the tube to hold more bubble solution, which will help you blow bigger bubbles!

Playing the instrument by holding it with the fan facing your feet and placing your finger over the light sensor.

PRO TIP

To keep the bubbles from popping too quickly, try slowing down the fan with the slide dimmer or pulsing the fan on and off.

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INVENT A GAME THAT PUTS A NEW SPIN ON AN OLD ARCADE FAVORITE: the pinball machine. Use the slide dimmer to catapult the ball and watch it bounce and bump all over the box like it’s out of control!

**TIME**

60 MIN

**LEVEL**

screwdriver* tape* decorating materials* *from around the house

Glue Dots

Platform & Hub:

screws (×2)

Slide Dimmer

BUILD YOUR CIRCUIT. This will be the controller you hit the ball with. Sliding the dimmer will make the mechanical arm turn.

1. **PRESS ADHESIVE SHOES** onto your circuit.

2. **PLACE THE CIRCUIT ON YOUR BOX** by peeling the red adhesive off the shoes and sticking to the side. (Note: Adhesive shoes are one-time use only.)

3. **ATTACH TEMPLATES C1, C2, AND C3** together as shown. Then tape them around the border of the Kit box. Align the dotted line on the templates to the top edge of the box.

4. **ADD LIFT UNDER BOX**

5. **FOLD IN BUMPERS**

6. **START BUMPING YOUR BALL**! Drop the ball in one of the holes on the side and use the slide dimmer to turn the arm and hit the ball.

7. **COMMUNITY CHALLENGE: ASK YOUR PARENTS to recall their favorite pinball machine from childhood. Find it online and decorate your Bumperball game to look like it. Generations collide!

**ONLINE REMIX**

NOISY SCOREBOARD

Add some bells & whistles to your Bumperball game. With a few extra Bits™ and a LEGO® “ball catch,” a buzzer will sound with victory every time you score a point. If you’re feeling adventurous, you could even remix the whole thing in LEGO!

**ADD STICKERS AND DECORATE with markers to create a theme for your Bumperball game.**

**ALL INSTRUCTIONS ONLINE AT LITTLEBITS.CC/GGKIT & THE APP**

**LEARN MORE PG 21**

**TROUBLESHOOTING PG 20**

**SMALL HOLES**

**PRO TIP**

ADD STICKERS AND DECORATE with markers to create a theme for your Bumperball game.

**FULL INSTRUCTIONS ONLINE AT LITTLEBITS.CC/GGKIT & THE APP**

1. Put servo on

2. Turn mode.

3. LEARN MORE PG 21

4. ADD LIFT UNDER BOX

5. ATTACK TEMPLATES C1, C2, AND C3 together as shown. Then tape them around the border of the Kit box. Align the dotted line on the templates to the top edge of the box.

6. CUSTOMIZE: Use thumbtacks, rubber bands, and everyday objects to CREATE OBSTACLES. You can use a book, magazine, or a mounting board to ADD LIFT.
BITBOT
ROAM YOUR WORLD WIRELESSLY! This remote-controlled bot will do your bidding, thanks to a pair of wireless Bits™ and a few DC motors. Use this versatile vehicle to prank your pets, set up a snack delivery system for Mom, or turn your room into a race track! What sort of adventures will your Bitbot go on?

LEVEL 40 MIN

First build your WIRELESS TRANSMITTER CIRCUIT. Then press onto mounting board. This will work as your remote controller, sending its signal to the Bitbot.

2 Build the second circuit. This will be the heart of your BITBOT. After the circuit is made, press it onto a mounting board.

3 Turn off your circuits and ATTACH WHEELS TO THE DC MOTORS. Ensure that the flat edge on the shaft of the DC motor aligns with the flat edge of the hole in the wheel.

Online remix
DRAWBOT
WHAT ELSE CAN YOU DO WITH THIS ROAMING ROVER? Add a few Bits & accessories to your bot to create robotic art masterpieces. Draw a portrait, write your name, or even make some expressive abstract paintings when you add a mechanical arm to your Bitbot. The arm automatically swings side to side while you drive the bot around with the controller.

COMMUNITY CHALLENGE: Take your Bitbot for a spin in a place that doesn’t exist yet! DESIGN A NEW CITY OR PLANET to roll around in.

CUSTOMIZE: ATTACH A MECHANICAL ARM to your Bitbot. The arm automatically swings side to side while you drive the bot around with the controller.

CUSTOMIZE: GIVE YOUR BIT SOMЕ CHARACTER! Is it a creature, a race car, or a roaming genie lamp? Use the provided stickers and your own decorating materials to add some personality. Be sure to share your designs and check out what the community has done.

TROUBLESHOOTING PG 20

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Finish the TRANSMITTER CIRCUIT by adding a POWER-SNAP to the middle bitSnap on the transmitter circuit. Then, press onto a mounting board.

When the lights go away, the wall creatures come out to play!

Create your own light patterns that dance in the dark with this rotating light projector. How creative can you get? Can you build a constellation that rocks as though it were above you in the sky? Personalize your creation and control its speed and direction wirelessly.

You’re going to build two circuits that communicate with each other wirelessly. First build the ROTOLAMP CIRCUIT.

Build the ROTOLAMP SLEEVE from templates E1 and E2 and place it on top of the Rotolamp circuit. Make sure to turn off your Rotolamp circuit while building the sleeve. Tape all cables down so they don’t stick out over the edge of the board. Stand the Rotolamp up with one wheel as the base. Use the transmitter circuit to spin the projector!

Now, press the circuit onto the mounting board. Make sure the mounted circuit looks just like the image below so everything fits nicely for the final build.

Start building the TRANSMITTER CIRCUIT.

ONLINE REMIX SPIN ROLLER

With a little circuit manipulation, you can turn your projector into a rolling vehicle. In general, the form of your projector will stay the same, but the function will be totally different!

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**INVENTION 19**

**SPY BOX**

YOU’VE BEEN PROMOTED TO TOP-SECRET SPY! Your mission, should you choose to accept it, is to organize a hand-off with a surprising and dramatic reveal. When your fellow spy picks up the trigger box, your secret spy box will open, allowing your partner to get at the stashed goods. This is made possible with wireless Bits™ and a servo that pushes a secret door open.

**WIRELESS TRANSMITTER CIRCUIT:** which will work as your remote controller, sending its signal to the receiver in the box.

1. **BUILD A TRIGGER BOX:** and place your transmitter circuit within it. Cut out a small hole, and use Glue Dots to stick the light sensor and wireless transmitter to the side with the hole. The light sensor should be facing out of the hole. Exposing the light sensor will activate the wireless interaction.

2. **BUILD THE MECHANICAL ARM:** with the receiver and transmitter. Make sure the wireless receiver is in the same channel (a, b, c, d, or e) as your transmitter. Pairing Tip PG 20

3. **BUILD THE RECEIVER CIRCUIT:** Press it onto a mounting board.

4. **BUILD YOUR SPY BOX:** You can use any kind of box that’s at least as long as the mechanical arm.

5. **COMMUNITY CHALLENGE:** Your next mission is to make your own spy box. Devise a secret mission and ask your parents to film as you act it out.

6. **CUSTOMIZE:** Make your transmitter and compartment look like every- day objects. This way, only you and your confidants will know how to access the hidden goods.

7. **WHEN YOU’RE READY:** Use Glue Dots and adhesive shoes to attach the servo to the top of the inside of the box so that the mechanical arm pushes against the top of the flap when triggered. Stick the mounting board to the back of the box using more Glue Dots. (Note: Adhesive shoes are one-time use only.)

8. **SHOW YOUR CIRCUIT:** Tape two cardboard tabs to the top edge of the flap. The tabs will hold the flap in place.

9. **TAKE YOUR PRIZE:** Use your transmitter to look like a book.

10. **PLAY:** Lift the special book and the secret box will open!

**LITTLEBITS.CC/GGKIT & THE APP**

**FOLD INSTRUCTIONS ONLINE**

**LEARN MORE PG 20**

**TIME**

60 MIN

**LEVEL**

EASY

**ARTICLES & OBJECTS**

1. Wireless receiver

2. Wireless transmitter

3. Mechanical arm

4. Glue Dots

5. Adhesive shoes

6. Light sensor

7. Power (×2)

8. Wires (×2)

9. Battery case

10. Mechanical arm

11. Adhesive shoes (×4)

12. Light sensor (×2)

13. Hook & loop shoes (×3)

14. Wire (×2)

15. Paper

16. Scissors

17. Adhesive dots

18. Scleros (×4)

19. Wire

20. Battery

21. Wireless receiver

22. Wireless transmitter

23. 60 wireless screws (×4)

24. Sticker sheet

25. Small cardboard

26. Large cardboard (16 cm) long

27. Mechanical arm

28. Adhesive shoes

29. Battery case

30. wireless receiver

31. wireless transmitter

32. batteries & cable (×2)

33. screws (×4)

34. Glue Dots

35. scissors

36. power

37. batteries

38. small cardboard

39. glue dots

40. wire

41. Power (×2)

42. Wires (×2)

43. Battery case

44. Mechanical arm

45. Adhesive shoes

46. Battery case

47. wire

48. Power (×2)

49. Wires (×2)

50. Battery case

51. Mechanical arm

52. Adhesive shoes

53. Battery case

54. wire

55. Power (×2)

56. Wires (×2)

57. Battery case

58. Mechanical arm

59. Adhesive shoes

60. Battery case

**ATTACH THE SERVO TO THE TOP OF THE INSIDE OF THE BOX**

This will set the servo in the correct position for opening the Spy Box.

**PAIRING TIP PG 20**

**HOLD THE FLAP IN PLACE.** Tabs will tuck into the box and cover up the hole on the trigger box. This will wirelessly activate the secret compartment, revealing the hidden goods!

**CUSTOMER:** Tell your audience how you created a magic connection between your magic hat and magician’s wand. Slowly lift your hat and advance your audience as the wand slowly begins to rise into the air. By swapping a few bits and adding some specialty props, you can turn your spy box into a magic trick fit for the stage!
You always need a 9-volt battery and cable.

This switch enables you to control the sensitivity here.

The bargraph is a great indicator of how much signal is passing through your circuit.

The transmitter can send its signal to multiple receivers on the same transmission channel. However, multiple transmitters can share the same channel. Нowever, multiple transmitters on the same transmission channel will interfere with one another. The sensitivity of the light sensor keeps changing, depending on the environment, and so the bargraph will show what the light sensor is measuring.

The sensor input of the light sensor is variable, so you can change the sensitivity of the light sensor by changing the bargraph’s value. The bargraph is a great indicator of how much signal is passing through your circuit.

You control the slide dimmer by moving its slider from one end of the bit to the other. By doing this, you are changing the signal that goes through your circuit. It fluctuates just like a light dimmer that you would find at home, on a wall switch, or in a recording studio. The slide dimmer is an analog input, which means that as you adjust the position of the slider, you are changing the signal that runs through your circuit.

This switch enables you to control the sensitivity here.

The bargraph is a great indicator of how much signal is passing through your circuit.

The sensor input of the light sensor is variable, so you can change the sensitivity of the light sensor by changing the bargraph’s value. The bargraph is a great indicator of how much signal is passing through your circuit.

The slides dimmer is an analog component on the board. The more signal it lets through, the more light shines on the sensor component on the board.

The motorMate makes it easy to attach paper, cardboard, LEGO® pieces, and other crafting materials to the DC motor. Simply slide the motorMate onto the shaft of the motor. The motorMate has two different card slots: one fits most standard craft sticks and the other fits thicker papers like cardstock.

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THE LITTLEBITS INVENTION CYCLE

CREATE

Put something together. It doesn’t matter if you build it from instructions or make something from your imagination. Your first creation may not be perfect, but it might be even Full, but the truth is that failure is actually pretty helpful. When something doesn’t work, you gain a chance to learn why. And it’s

PLAY

Start experimenting. Try adding new Bits, swapping parts with other inventions, or take all the gears apart and putting them together in a different way. Remixing is a great way to improve what you’ve created or discover new ways to use it.

REMIX

Inspirers others by showing the world what you’ve created. Get inspired by exploring what other people have shared. Try creating, playing with, and remixing their inventions to see what new and wonderful things you can create. This is how the community grows and awesome new inventions enter the world.

SHARE

Quickly view projects you have liked. Take and share quality photos of your projects. Manage your Bit inventory and build your library. Share your creations online.

LITTLEBITS COMMUNITY ON THE GO

Integrated Community & Design Challenges

Find new projects, get inspired,

Step-by-step instructions for projects

YOU ARE NOW PART OF A GLOBAL COMMUNITY OF INVENTORS. You bring ambitious ideas to life, and use failure as an opportunity to make your inventions better. Your inventions tell stories, about you and the world around you. You are an inventor! Most of all, you empower like-minded inventors to keep creating inventions of every size and shape. Discover your community online at littlebits.cc/community, or right in the palm of your hand.

IN THE COMMUNITY YOU’LL FIND

• An engaged community of new friends.
• Hundreds of projects to browse and search – with more added everyday!
• Global Chapters – join a chapter and attend workshops in your city.

THE LITTLEBITS INVENTION CYCLE

GET CONNECTED

IMPORTANT NOTE

• Never use modules in or near any medical device or medical equipment. Do not use or when left unattended.
• Keep conductive materials (such as metal) away from the circuit and the module.
• Do not touch or hold any moving parts while the module is powered on.
• NEVER connect any modules or circuits with or near this product.
• Some modules may become warm to the touch during use or when charged.
• Do not disassemble the modules. Inner components are poisonous and should be disposed of properly.
• Do not use modules in or near any medical device or medical equipment. May cause interference that may cause undesired electrical malfunctions, become damaged or broken.
• Several projects in this kit involve the use of sharp objects. These tools are aggressive and have the potential to cause injuries and death. Seek immediate medical attention if a module or any part of this product is put into the mouth or nose. Improper handling can result in serious injury and death.

GOT A QUESTION?

For help with your littleBits invention, contact our customer support center at 877-368-7470 or email us at support@littlebits.cc. We’re happy to help you with any questions you may have about your littleBits invention.

INDEX THE LITTLEBITS INVENTION CYCLE