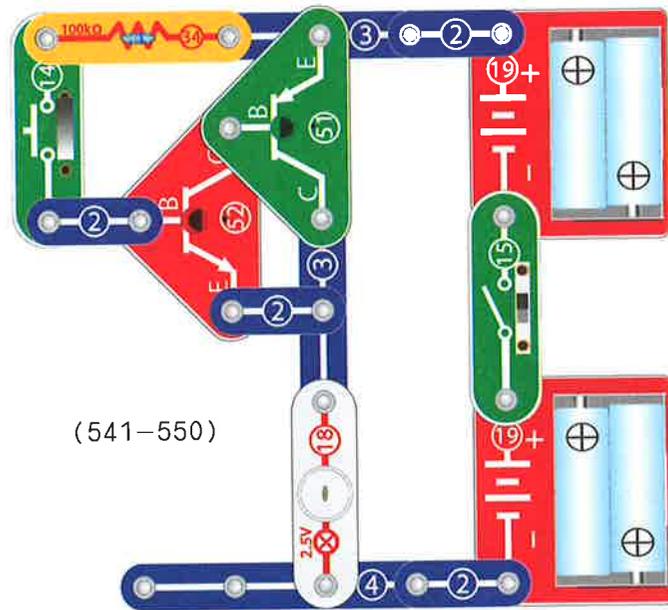


(539-540)



(541-550)

539. Multiple-unit tube amplification and bulb circuit (1)

Assemble the circuit according to the graph and switch on, the bulb is alight. Switch off, the bulb is off.

540. Multiple-unit tube amplification and electric fan circuit (1)

Replace the bulb in the circuit with electric motor and install fan blade. Switch on, the electric motor will rotate. Switch off, the motor will stop running.

546. Pressure switch multiple-unit tube and electric fan circuit (1)

547. Magnetic switch multiple-unit tube and electric fan circuit (1)

548. Touch controlled switch multiple-unit tube and electric fan circuit (1)

549. Light controlled switch multiple-unit tube and electric fan circuit (1)

550. Water controlled switch multiple-unit tube and electric fan circuit (1)

Replace the bulb in the circuits 541-545 with electric motor and install fan blade on the motor, the phenomena of circuits 546-550 can be realized.

551. Multiple-unit tube amplification and bulb circuit (2)

Assemble the circuit according to the graph and switch on, the bulb is alight. Switch off, the bulb is off.

552. Multiple-unit tube amplification and electric fan circuit (2)

Replace the bulb in the circuit with electric motor and install fan blade on the motor. Switch on, the electric motor will rotate. Switch off, the motor will stop running.

542. Magnetic controlled multiple-unit tube and bulb circuit (1)

Replace the key button in the circuit with key button. As long as you take the magnetic bar close to the Magnetic switch, the bulb will be alight.

543. Touch controlled switch multiple-unit tube and bulb circuit (1)

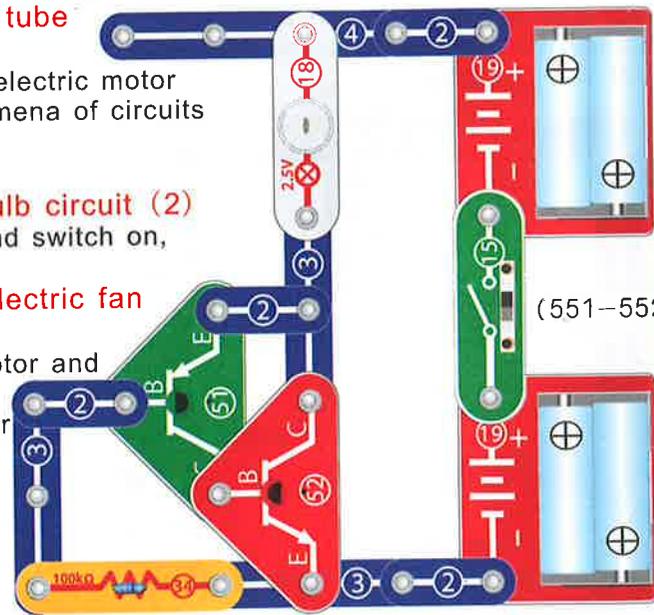
Replace the pressure button in the circuit with touch pad. As long as you use the sheet metal to touch the copper platinum of the touch pad, the bulb will be alight.

544. Light controlled switch multiple-unit tube and bulb circuit (1)

Replace the pressure button in the circuit with light-activated switch and switch on, the bulb is alight. At the moment as long as you cover the light of the light-activated switch with your hand, the bulb will be off.

545. Water controlled switch multiple-unit tube and bulb circuit (1)

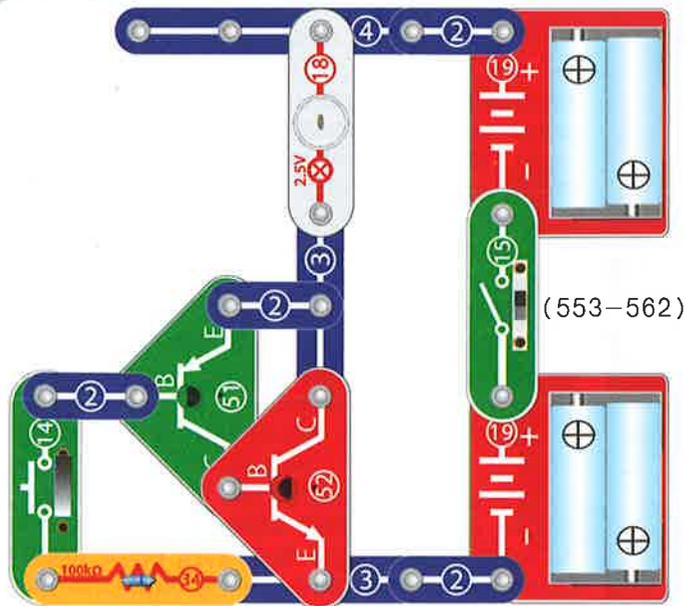
Replace the pressure button in the circuit with touch pad. As long as you drop a drop of water on the copper platinum of the touch pad, the bulb will be alight.



(551-552)

541. Pressure switch multiple-unit tube and bulb circuit (1)

Assemble the circuit according to the graph and switch on, the bulb is not alight. At this time as long as you press the pressure button, the bulb will be alight. Release the pressure button, the bulb will be off.



553. Pressure switch multiple-unit tube and bulb circuit (2)

Assemble the circuit according to the graph and switch on, the bulb is not alight. At this time as you press the pressure button, the bulb will light. Release the pressure button, the bulb will be off.

554. Magnetic switch multiple-unit tube and bulb circuit (2)

Replace the pressure button in the circuit with magnetic switch. As long as you take the magnetic bar close to the magnetic switch, the bulb will light.

555. Touch controlled switch multiple-unit tube and bulb circuit (2)

Replace the pressure button in the circuit with touch pad. As long as you take the sheet metal to touch the copper platinum of the touch pad, the bulb will light.

556. Light controlled switch multiple-unit tube and bulb circuit (2)

Replace the pressure button in the circuit with light-activated switch and switch on, the bulb will light. At this time as long as you cover the light of the light-activated switch with your hand, the bulb will be off.

557. Water controlled switch multiple-unit tube and bulb circuit (2)

Replace the pressure button in the circuit with touch pad. As long as you drop a drop of water on the copper platinum of the touch pad, the bulb will light.

558. Pressure switch multiple-unit tube and electric fan circuit (2)

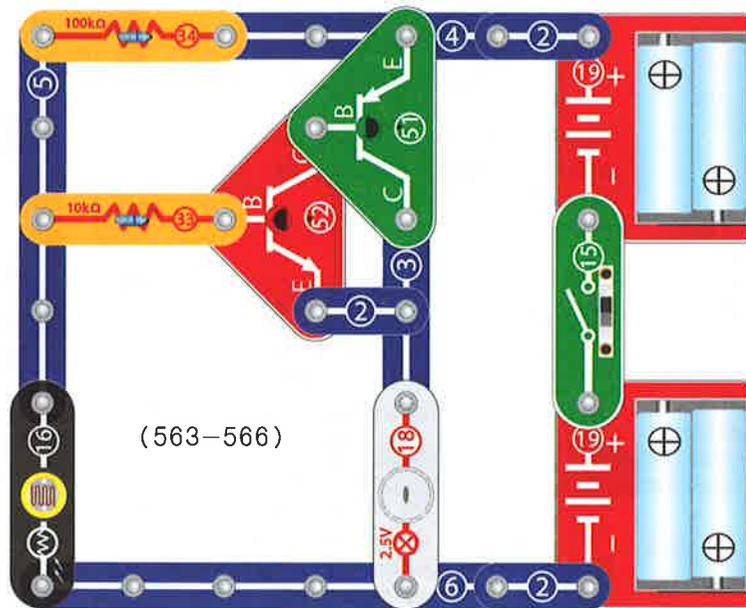
559. Magnetic switch multiple-unit tube and electric fan circuit (2)

560. Touch controlled switch multiple-unit tube and electric fan circuit (2)

561. Light controlled switch multiple-unit tube and electric fan circuit (2)

562. Water controlled switch multiple-unit tube and electric fan circuit (2)

Replace the bulb in the circuits 553-557 with electric motor and install fan blade on the motor, the phenomena of circuits 558-562 can be realized.



563. Simple automatic street lamp circuit (1)

Assemble the circuit according to the graph and switch on. When the Light-activated switch is shined by sun, the bulb is not alight. But when you cover the light of the Light-activated switch with hand, the bulb is alight. Utilizing this principle, automatic street lamp can be made. In the daytime, when light shines on the light-activated switch, the bulb is off. In the night, the bulb is alight. Try to make a street lamp for practical use!

564. Simple automatic fan circuit (1)

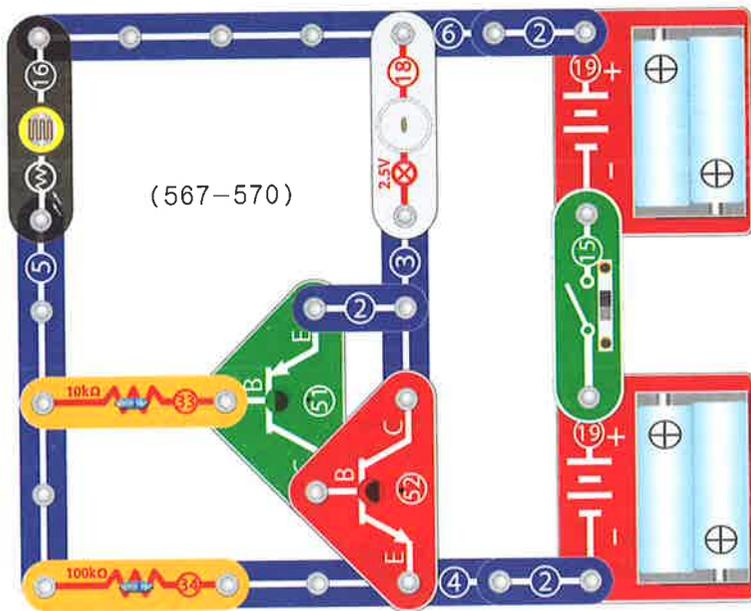
Replace the 6V bulb in the circuit with electric motor and install fan blade. Switch on, when it comes to the night, the electric fan will automatically rotate. When day breaks, the bulb will automatically stop running.

565. Simple light control circuit (1)

Exchange the place of the light-activated switch with 100K ohm resistance in the circuit and cover the light of the light-activated switch with your hand, the bulb is off. When light shines on the light-activated switch, the bulb is alight again. In this way, the light control is realized.

566. Simple light controlled fan simulation circuit (1)

Replace the bulb in the above circuit with electric fan. When the Light-activated switch is shined by light, the fan rotates. When you cover the light of the Light-activated switch with your hand, the fan stops running. So the fan is controlled by light. Isn't it very practical?



567. Simple automatic street lamp circuit (2)

Assemble the circuit according to the graph and switch on. When it comes to night, the bulb will automatically light. When day breaks, the bulb will be automatically off.

568. Simple automatic fan circuit (2)

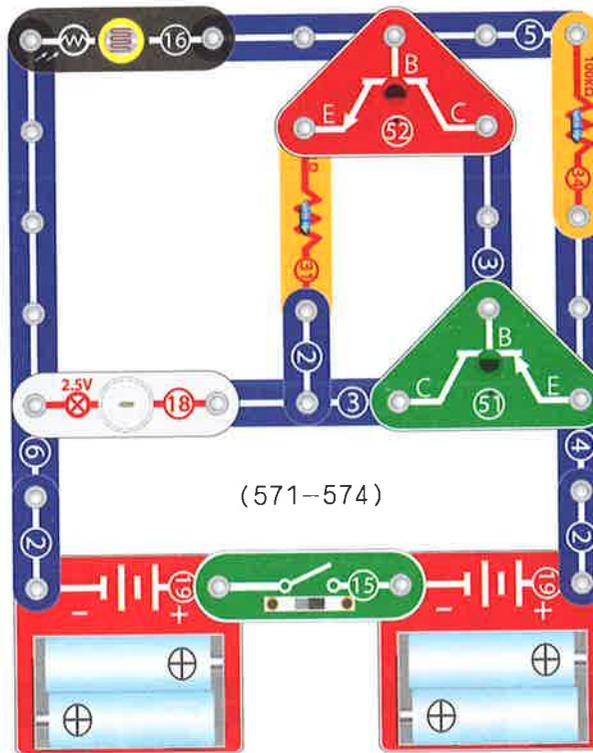
First change the bulb in the circuit into electric fan and switch on. Until it comes to night, the fan will automatically rotate. When it comes to daytime, the fan will automatically stop rotating.

569. Simple light control circuit (2)

Exchange the position of the Light-activated switch with 100K ohm resistance in the circuit. When the light-activated switch is shined by light, the bulb will light. In this way the light control is realized.

570. Simple light controlled fan circuit (2)

Replace the bulb in the above circuit with electric fan. When the light-activated switch is shined by light, the fan will rotate. When you cover the light of the light-activated switch, the fan will stop running.



When you cover the light of the light-activated switch with your hand, the fan will stop rotating.

575. Simple automatic street lamp circuit (4)

Assemble the circuit according to the graph and switch on. When it comes to night, the bulb will automatically light. When day breaks, the bulb will be automatically off. By this principle the automatic street lamp can be made.

576. Simple automatic fan circuit (4)

Replace the bulb in the circuit with electric fan and switch on. When it comes to night, the fan will rotate. When day breaks, the fan will stop rotating.

571. Simple automatic street lamp circuit (3)

Assemble the circuit according to the graph and switch on. When it comes to night, the bulb will automatically light. When day breaks, the bulb will be automatically off.

572. Simple automatic fan circuit (3)

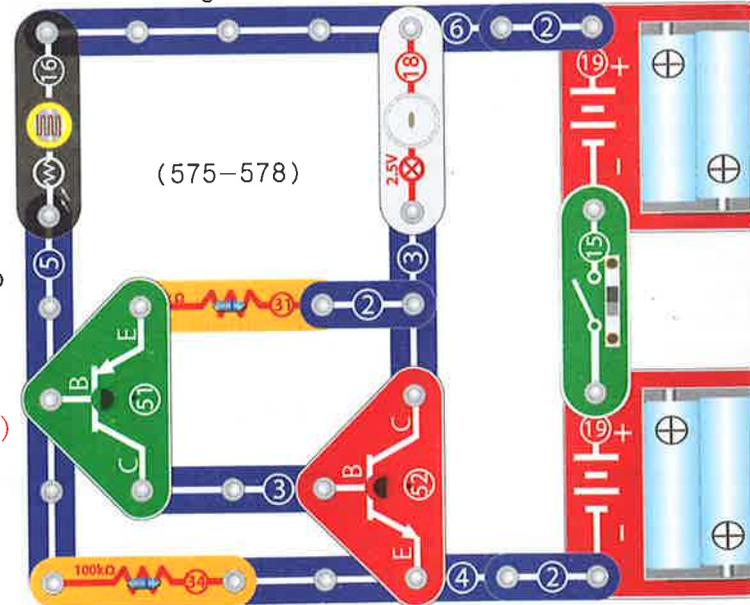
Replace the 6V bulb in the above circuit with electric motor and install fan blade. Switch on and when it comes to night, the fan will automatically rotate. When day breaks, it will automatically stop rotating.

573. Simple light controlled bulb circuit (3)

Exchange the place of the light-activated switch with the 100K ohm in the circuit. As long as the light-activated switch is shined by light, the bulb will light. In this way, the light control is realized.

574. Simple light controlled fan circuit (3)

Replace the bulb in the above circuit with electric fan. When the light shines on the light-activated switch, the fan will rotate.

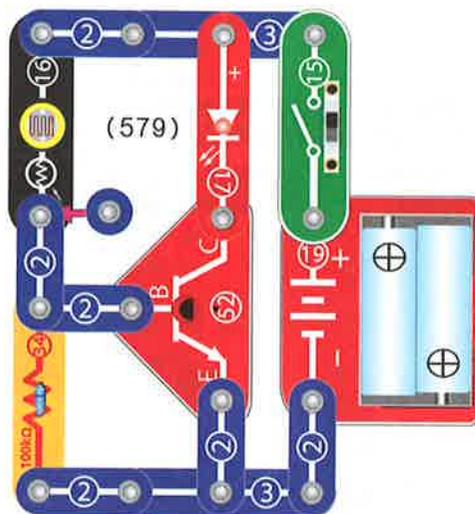


577. Simple light control circuit (4)

After assembling the circuit, exchange the position of the light-activated switch with 100K ohm resistance. When light shines on the light-activated switch, the bulb will be alight. In this way, the light control is realized.

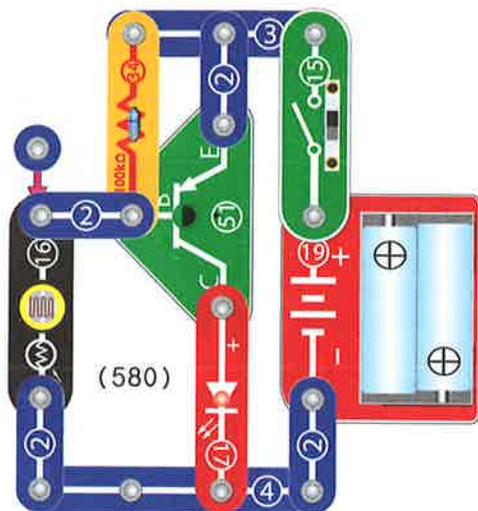
578. Simple light controlled fan circuit (4)

Replace the bulb in the above circuit with electric fan. When the light shines on the light-activated switch, the fan will rotate. When you cover the light of the light-activated switch with your hand, the fan will stop rotating.



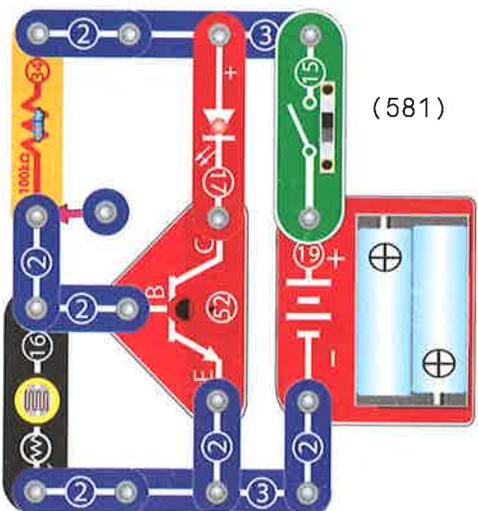
579. Light-on LED circuit (1)

Assemble the circuit according to the graph and switch on, do you find when the light-activated switch is shined by light, the LED is on. If the light is covered, the LED is off.



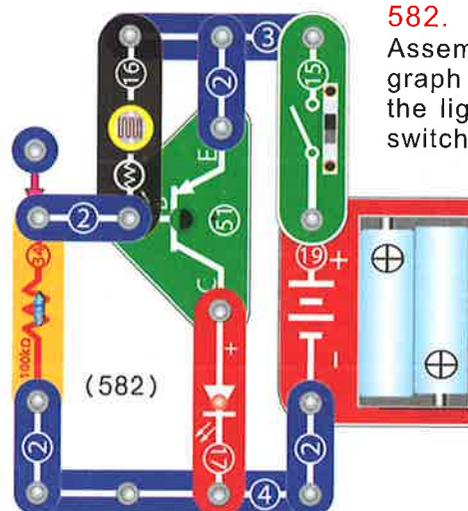
580. Light-on LED circuit (2)

Assemble the circuit according to the graph and switch on, is there any response to the circuit? No, but as long as the light-activated switch is shined by light, the LED is on.



581. Dark-on LED circuit (1)

Switch on, is the LED is alight? No, now try to cover the light that shines on the light-activated switch with your hand, the LED is on.



582. Dark-on LED circuit (2)

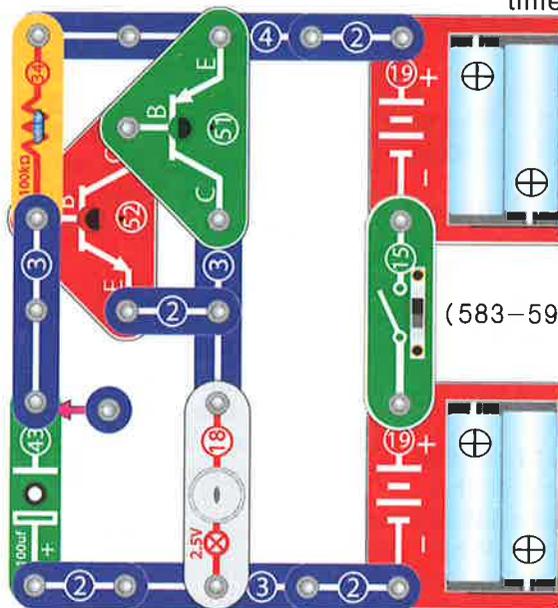
Assemble the circuit according to the graph and switch on, now as you cover the light that shines on the Light-activated switch with your hand, the LED is on.

583. Delayed lighting circuit (1)

Assemble the circuit according to the circuit and switch on, the bulb needs to delay a period of time can it light.

584. Pressure switch delayed lighting circuit (1)

Replace the slide switch in the circuit with pressure button and press the pressure button, the bulb needs to delay a period of time can it light.



585. Magnetic switch delayed lighting circuit (1)

Replace the slide switch in the circuit with magnetic switch and take one end of the magnetic bar close to the Magnetic switch, the bulb needs to delay a period of time can it light.

586. Touch control switch delayed lighting circuit (1)

Replace the slide switch in the circuit with touch pad and press the copper platinum of the touch pad with a sheet metal, the bulb needs to delay a period of time can it light.

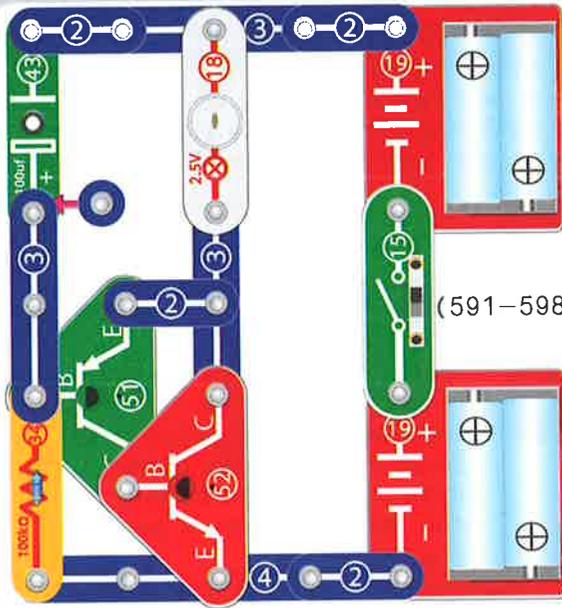
587. Delayed electric motor starting circuit (1)

588. Pressure switch delayed electric motor starting circuit (1)

589. Magnetic switch delayed electric motor starting circuit (1)

590. Touch control switch delayed electric motor starting circuit (1)

Replace the bulb with motor machine in 583-586, the phenomena of circuits 587-590 can be realized.



(591-598)

591. Delayed lighting circuit (2)

After assembling the circuit and switch on, the bulb needs to delay a period of time can it light.

592. Pressure switch Delayed lighting circuit (2)

Replace the slide switch in the circuit with pressure button and press the pressure button by hand, the bulb needs to delay a period of time can it light.

593. Magnetic switch delayed lighting circuit (2)

Replace the slide switch in the circuit with magnetic switch and take one end of the magnetic bar close to the magnetic switch, the bulb needs to delay a period of time can it light.

594. Touch control switch delayed lighting circuit (1)

Replace the slide switch in the circuit with touch pad and press the copper platinum of the touch pad with a sheet metal, the bulb needs to delay a period of time can it light.

595. Delayed electric motor starting circuit (2)

596. Pressure switch delayed electric motor starting circuit (2)

597. Magnetic switch delayed electric motor starting circuit (2)

599. Bedside timing light circuit (1)

Assemble the circuit according to the graph and put this circuit at the bedside. When you get up in the night, as long as you switch on, the bulb can light and delay a period of time can it extinguish. Replace a larger capacity of capacitance, the time to delay extinguishing the bulb can be adjusted.

600. Pressure switch bedside timing light circuit (1)

Replace the slide switch in the circuit with pressure button and as you press the pressure button by hand, the bulb can light and delay a period of time can it extinguish.

601. Magnetic switch bedside timing light circuit (1)

Replace the slide switch in the circuit with Magnetic switch and as you take the magnetic bar close to the Magnetic switch, the bulb can light and delay a period of time can it extinguish.

602. Touch controlled switch bedside timing light circuit (1)

Replace the slide switch in the circuit with touch pad and as you press the copper platinum of the touch pad with a sheet metal, the bulb can light and delay a period of time can it extinguish.

603. Simple timing electric fan circuit (1)

604. Pressure switch simple timing electric fan circuit (1)

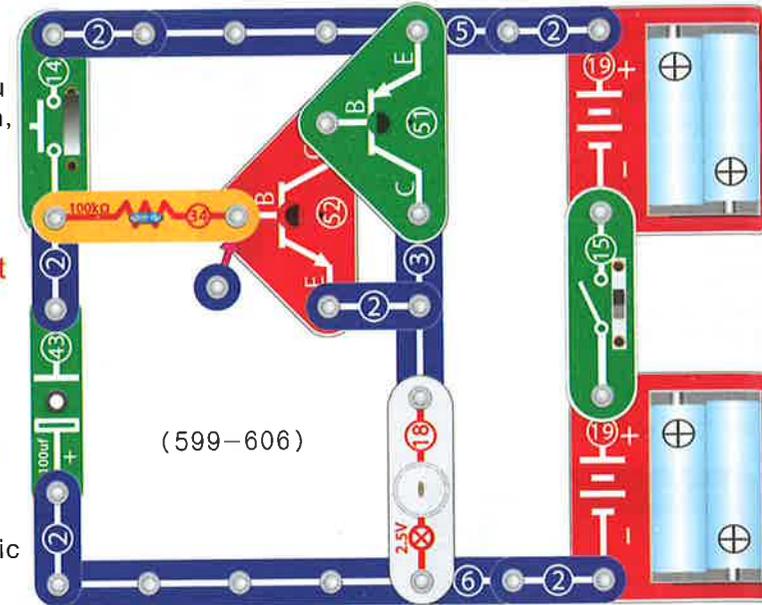
605. Magnetic switch simple timing electric fan circuit (1)

606. Touch controlled switch simple timing electric fan circuit (1)

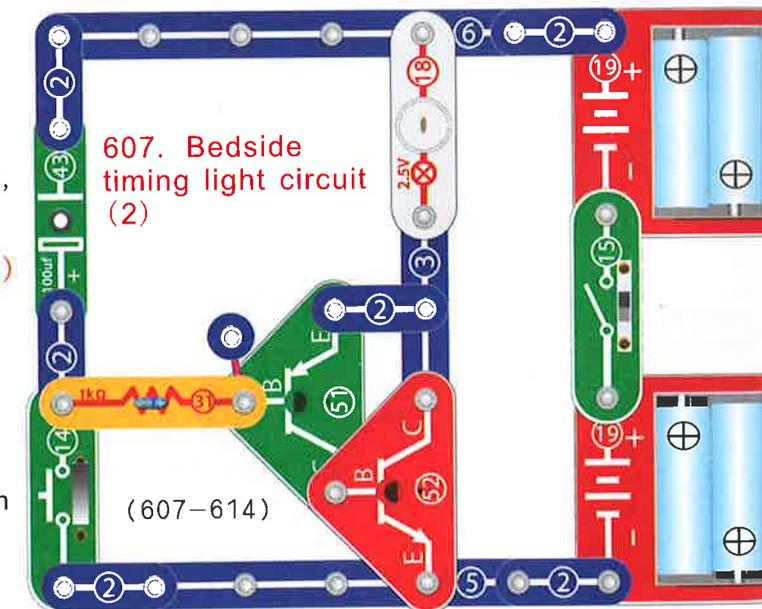
Replace the bulb in the circuits 599-602 with electric motor and install fan blade, the phenomena of circuits 603-606 can be realized.

598. Touch control switch delayed electric motor starting circuit (2)

Replace the bulb in the circuits 591-594 with electric motor, the phenomena of circuits 595-598 can be realized.



(599-606)



607. Bedside timing light circuit (2)

(607-614)

607. Bedside timing light circuit (2)

Assemble the circuit according to the graph and put this circuit at the bedside. When you get up in the night, as long as you switch on, the bulb can light and delay a period of time can it extinguish. Replace a larger capacity of capacitance, the time to delay extinguishing the bulb can be adjusted.

608. Pressure switch bedside timing light circuit (2)

Replace the slide switch in the circuit with pressure button and as you press the pressure button by hand, the bulb can light and delay a period of time can it extinguish.

609. Magnetic switch bedside timing light circuit (2)

Replace the slide switch in the circuit with magnetic switch and as you take the magnetic bar close to the magnetic switch, the bulb can light and delay a period of time can it extinguish.

610. Touch controlled switch bedside timing light circuit (2)

Replace the slide switch in the circuit with touch pad and as you press the copper platinum of the touch pad with a sheet metal, the bulb can light and delay a period of time can it extinguish.

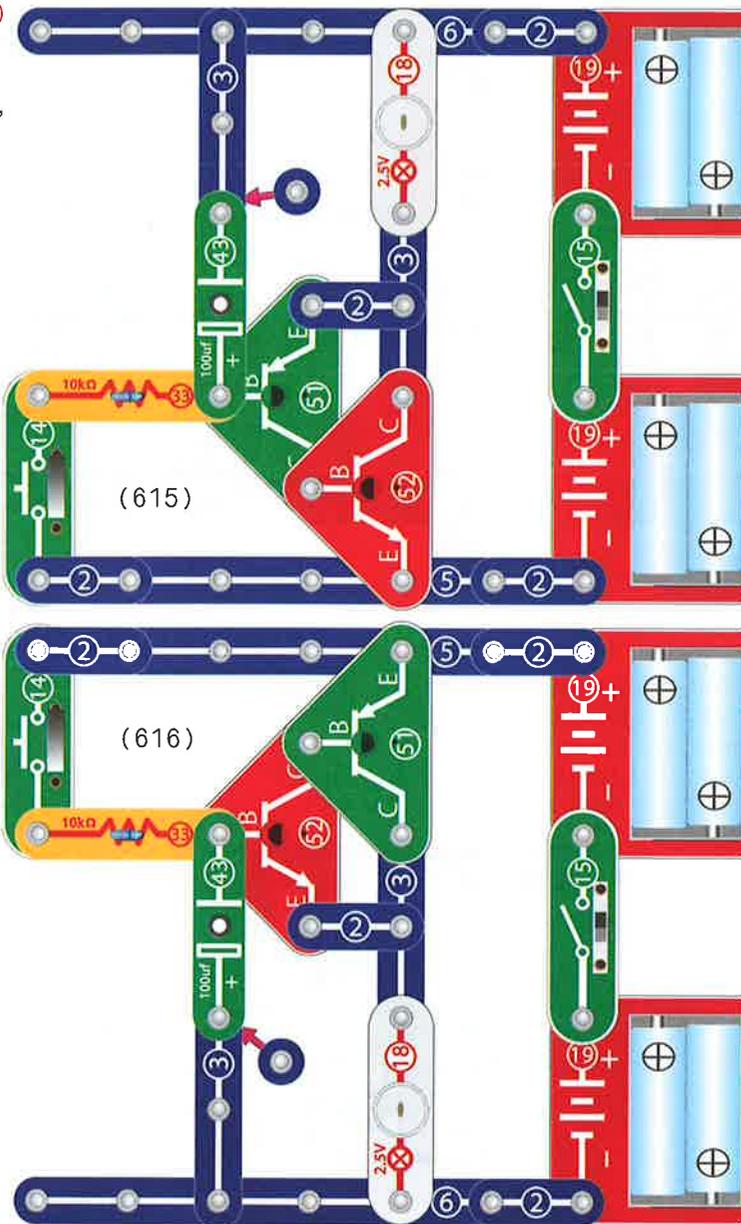
611. Simple timing electric fan circuit (2)

612. Pressure switch simple timing electric fan circuit (2)

613. Magnetic switch simple timing electric fan circuit (2)

614. Touch controlled switch simple timing electric fan circuit (2)

Replace the bulb in the circuits 607-610 with electric motor and install fan blade, the phenomena of circuits 611-614 can be realized.

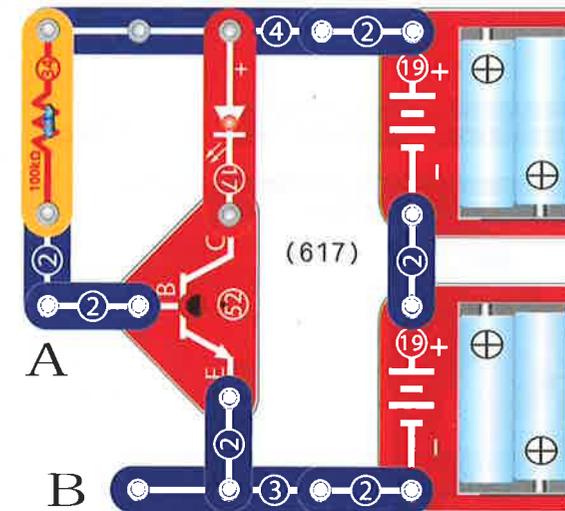


616. Retarded electric light circuit (2)

Switch on and press the pressure button, the bulb needs to delay a while can it light and lasts a period of time before extinguishing.

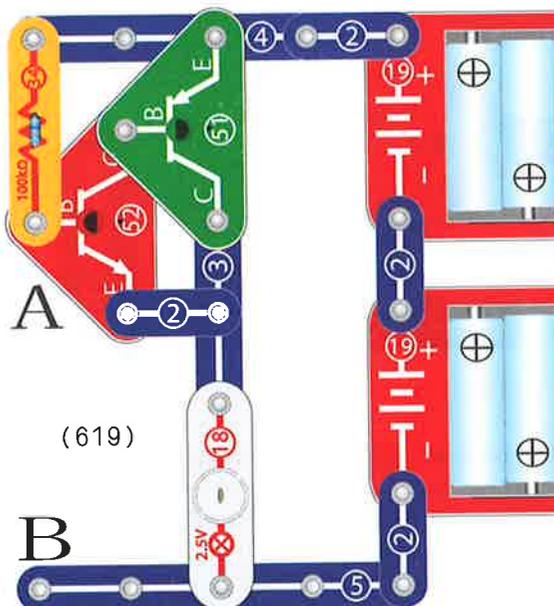
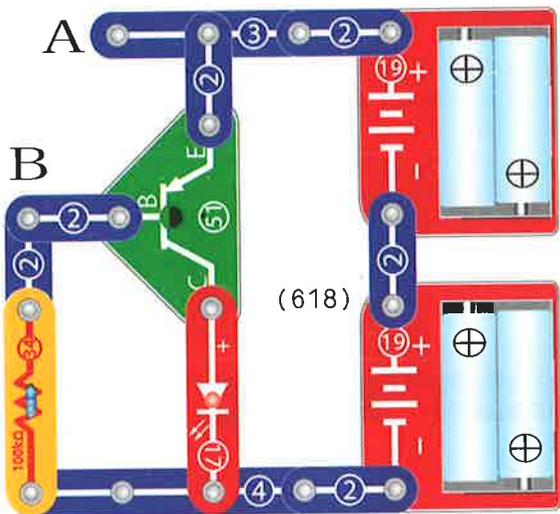
615. Retarded electric light circuit (1)

Assemble the circuit according to the graph and switch on. Then press the pressure button, the bulb needs to delay a period of time can it light. Release the pressure button, the bulb doesn't extinguish at once, rather than delay a period of time before extinguishing.



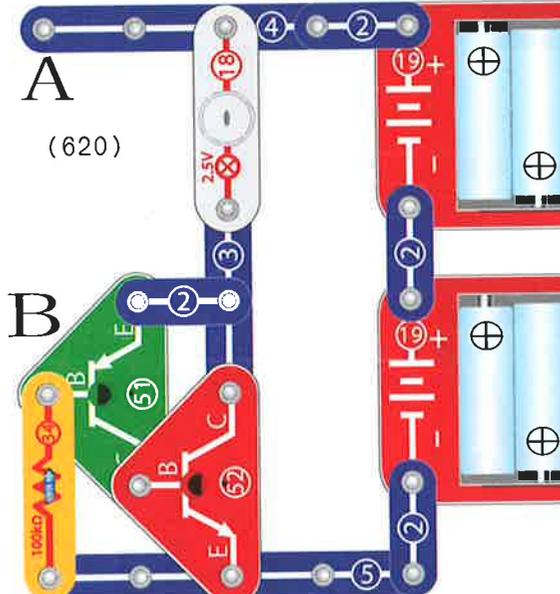
617. Monotube anti-theft alarm light circuit (1)

Assemble the circuit and switch on, the LED is alight. If you connect points A and B with thin wire, the LED will be off. When guarding against thefts, put the thin wire through the object to be guarded. When the theft breaks the wire, the LED will immediately light to alarm.

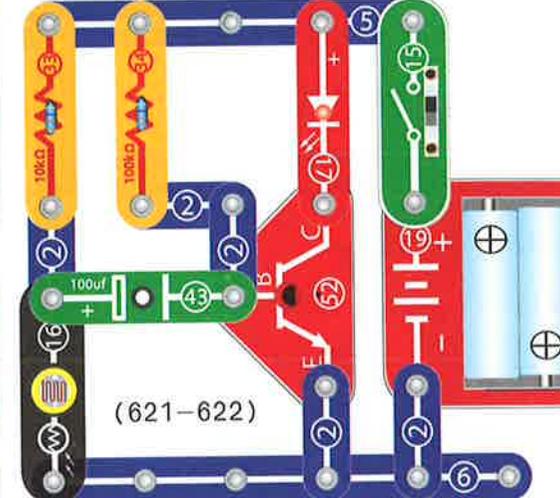


618. Monotube anti-theft alarm light circuit (2)
Put a long thin wire through the bicycle and motorcycle, etc. that need to guard against thefts, and connect the wire between points A and B. When the theft breaks the wire, the LED will immediately light to alarm.

619. Multiple-tube anti-theft alarm light circuit (1)

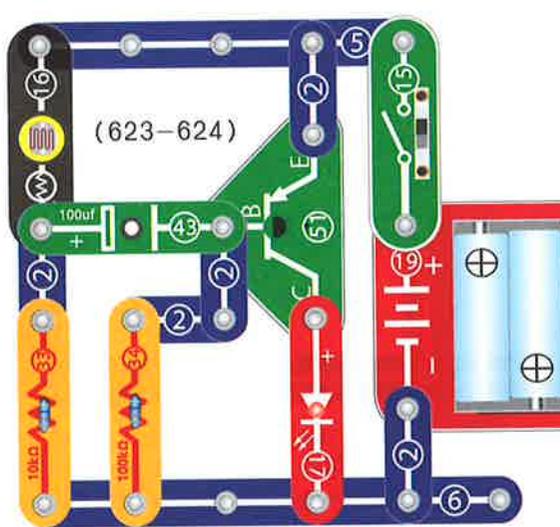


620. Multiple-tube anti-theft alarm light circuit (2)
The operating method of circuits 849–850 is the same as the circuits 847–848. When the theft breaks the wire, the bulb will immediately light to alarm.



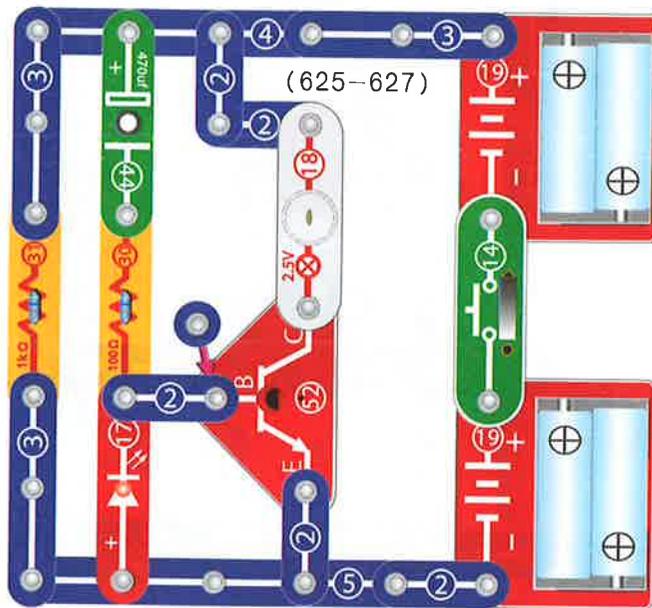
621. Light controlled switch flashing color light circuit (1)
Assemble the circuit according to the graph and switch on, the LED is on. Now as you sway your hand on the top of the light-activated switch, the LED will flash.

622. Electric motor controlled flashing color light circuit (1)
Replace the light-activated switch in the circuit with electric motor and switch on, as you drive the running shaft of the motor, the LED will flash.



623. Light controlled flashing color light circuit (2)
Assemble the circuit according to the graph and switch on, the LED is on. Now as you sway your hand on the top of the light-activated switch, the LED will flash.

624. Electric motor controlled flashing color light circuit (2)
Replace the Light-activated switch in the circuit with electric motor and switch on, as you drive the running shaft of the motor, the LED will flash.



625. Lightning gun circuit

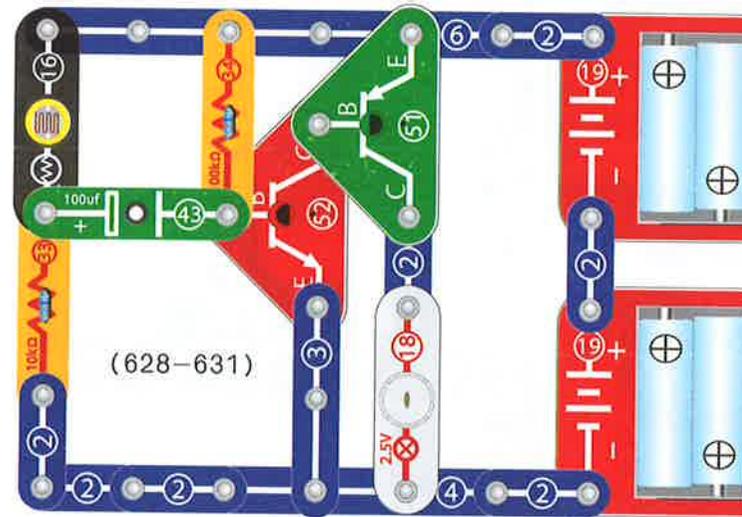
Press the pressure button and the LED flashes one time. Release the pressure button, the LED flashes once more. Press the pressure button again, the LED will flash again. This circuit can be used in the lightning gun.

626. One time flashing circuit

Break the 1K ohm resistance in the circuit and press the pressure button, the bulb will flash one time then extinguish.

627. Lazy electric fan circuit

Replace the bulb in the circuit with electric motor and press the pressure button, the fan rotates several circles and stops. Press the pressure button again, it rotates another several circles. The fan is "lazy" again.



628. Light off-and-on circuit

Assemble the circuit according to the graph, the bulb is alight. Now as you cover the light of the light-activated switch with your hand, the bulb will be off. But after a while it will light again.

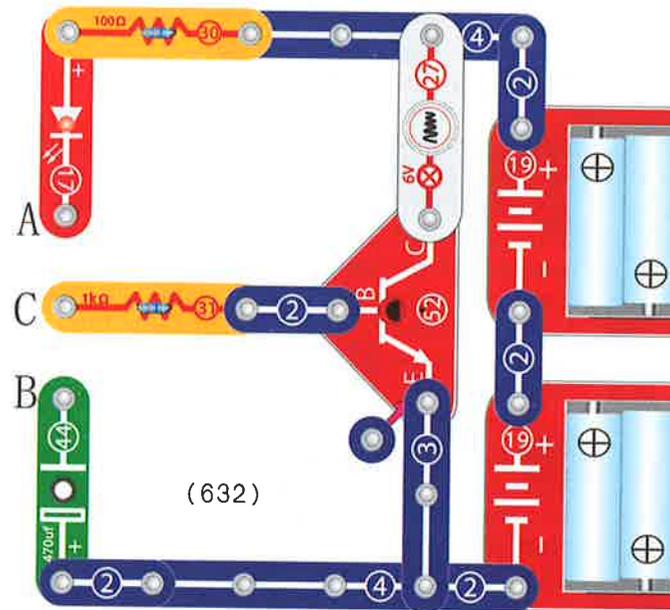
629. Light instantaneous stop circuit

Replace the Light-activated switch in the circuit with pressure button, press/release the pressure button, the bulb extinguishes slowly and after a while it lights again.

630. Fan instantaneous stop circuit (1)

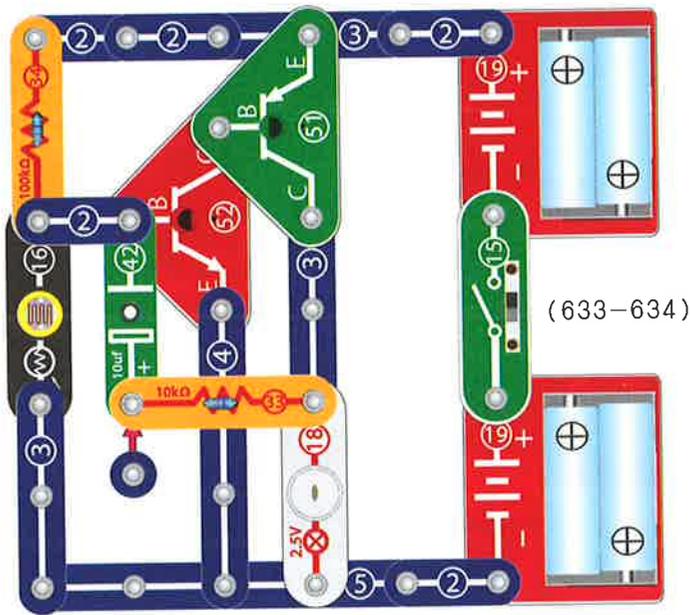
631. Fan instantaneous stop circuit (2)

Replace the bulb in the circuits 628-629 with electric motor and install fan blade, the above circuits 630-631 can be realized.



632. Electricity storing and lighting circuit

Assemble the circuit according to the graph and connect points A and B with a thin wire. At this time you can see the red LED flashes one time, which is the result of the battery's charging the capacitor. Take down the connecting wire between A and B, and connect B and C, the capacitor then discharges electricity to the base of the triode through 1K ohm resistance, and the 6V bulb flashes one time.



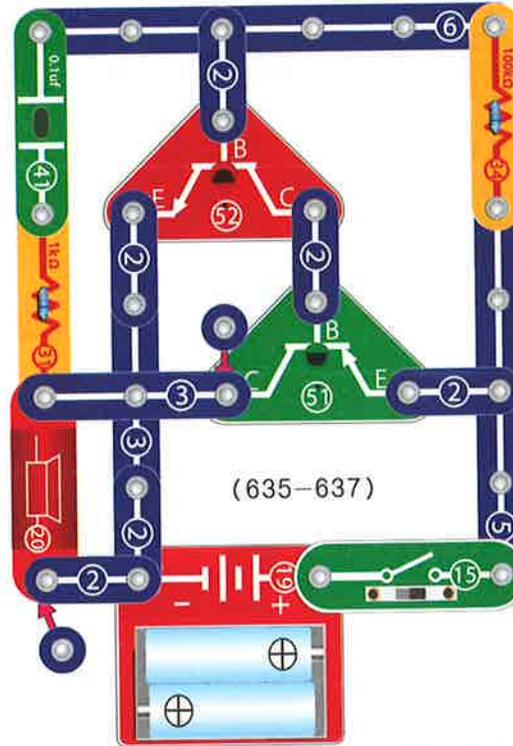
(633-634)

633. Automatic beacon light circuit

Assemble the circuit according to the graph and switch on. Until it comes to dusk, the bulb will light intermittently. In the night, since no light shines on the Light-activated switch, the bulb is alight. When day breaks, the Light-activated switch is shined by light and the bulb will automatically extinguish. This circuit can be used in the automatic beacon light for riverways.

634. Simple manual control metronome circuit

Replace the bulb in the circuit with loud speaker, and take down the Light-activated switch. Switch on and press the capacitor's contact (son button) with finger, the loud speaker then send out the rhythmic sound.



(635-637)

635. Alto audio-frequency generator circuit

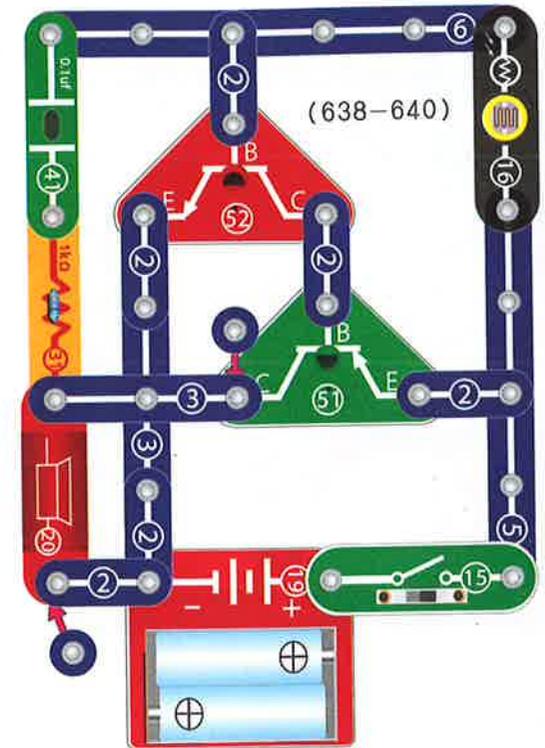
Assemble the circuit according to the graph and switch on, the Speaker will send out melodious alto sound. This is because through 0.1μf capacitor the two triodes took place oscillation after positive feedback gain, which generates alternative audio-frequency electric wave for the Speaker to sound.

636. High-pitched audio-frequency generator circuit

Replace the 0.1μf capacitor in the circuit with sound - activated switch and switch on, the Speaker will send out ear-pierced high-pitched sound.

637. Bass audio-frequency metronome circuit

Replace the 0.1μf capacitor in the circuit with 10μf capacitor and switch on, the Speaker will click rhythmic bass sound.



(638-640)

638. Sound immediate frequency voice changer circuit

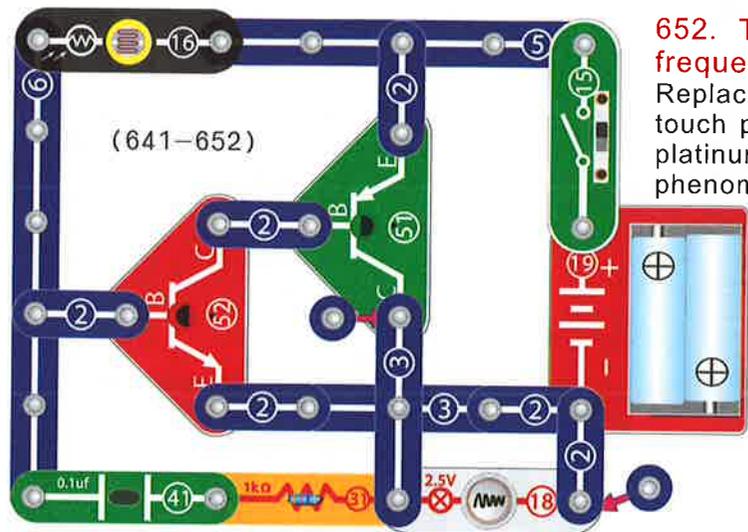
Assemble the circuit according to the graph and switch on, the Speaker will send out melodious alto sound. At this time as long as you cover the light of the Light-activated switch with your hand, the sound will change obviously.

639. High frequency audio sound changing circuit

Replace the 0.1μf capacitor in the circuit with sound-activated switch and switch on, the speaker will send out ear-piercing high-pitched sound. At the moment as you cover the light of the light-activated switch with your hand, the sound will change obviously.

640. Bass frequency beat changing circuit

Replace the 0.1μf capacitor in the circuit with 10μf capacitor and switch on. At the moment as you cover the light of the light-activated switch with your hand, the beat will stop.



641. Quick flashing light circuit

Assemble the circuit and switch on, the bulb will quick flash on and on.

642. Slow flashing light circuit

Replace the $10\mu\text{f}$ capacitor in the circuit with a $100\mu\text{f}$ capacitor and switch on, the bulb will obviously slow down its flashing rhythm.

643. Cicada audio-frequency circuit

Replace the $10\mu\text{f}$ capacitor in the circuit with a sound-activated switch and switch on, the sound-activated switch will chirp the cicada sound.

644. Pressure switch quick flashing light circuit

645. Pressure switch slow flashing light circuit

646. Pressure switch cicada audio-frequency circuit

Replace the slide switch in the circuits 641-643 with pressure button, as long as you press the pressure button, the phenomena of circuits 644-646 can be realized.

647. Magnetic switch quick flashing light circuit

648. Magnetic switch slow flashing light circuit

649. Magnetic switch cicada audio-frequency circuit

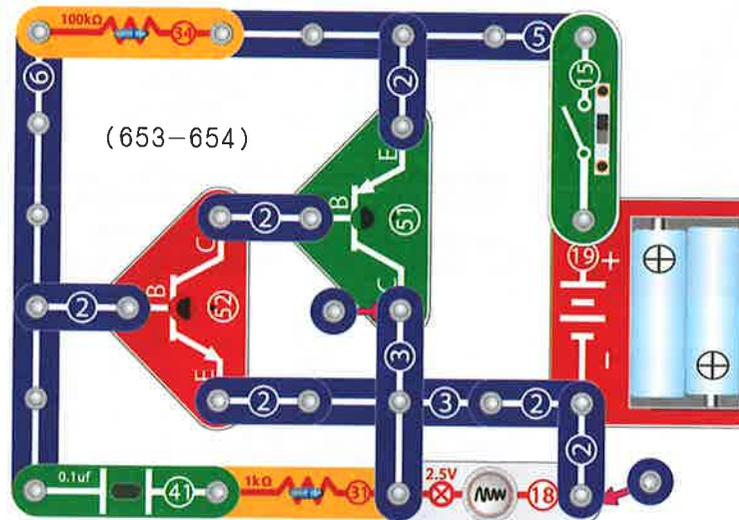
Replace the slide switch in the circuit 641-643 with magnetic switch. As long as you take the magnetic bar close to the Magnetic switch, the phenomena of circuits 647-649 can be realized.

650. Touch controlled switch quick flashing light circuit

651. Touch controlled switch slow flashing light circuit

652. Touch controlled switch cicada audio-frequency circuit

Replace the slide switch in the circuits 641-643 with touch pad, and as long as you press the copper platinum of the touch pad with a sheet metal, the phenomena of circuits 650-652 can be realized.

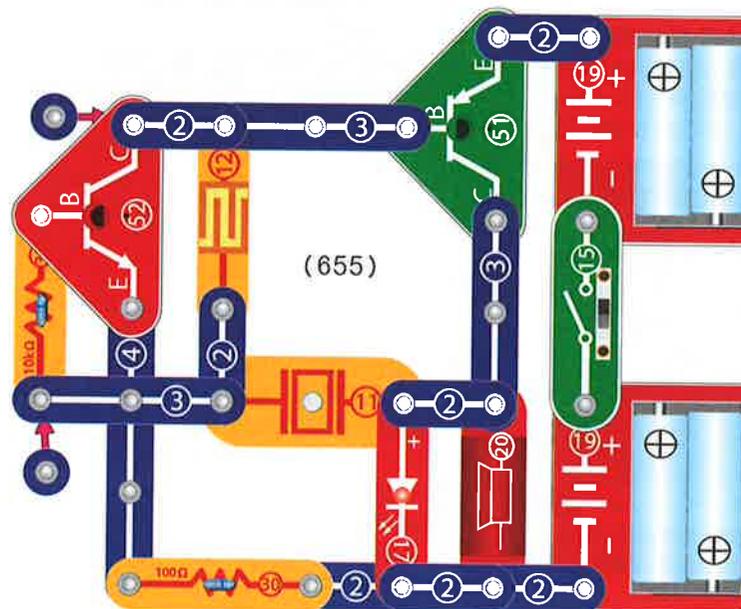


653. Traffic warning flashing light circuit

Assemble the circuit according to the graph and switch on, the bulb will flash at a certain rhythm on and on.

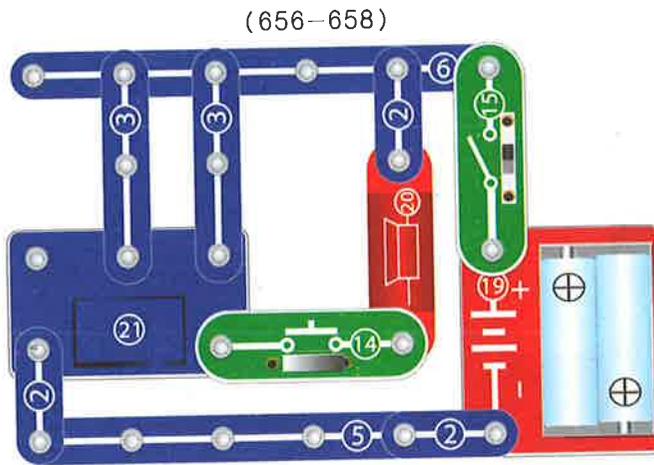
654. Mosquito audio-frequency circuit

Replace the $0.1\mu\text{f}$ capacitor in the circuit with a sound-activated switch and switch on, the sound-activated switch will drone the mosquito sound.



655. Lie detector circuit

Assemble the circuit according to the graph. Switch on and as long as you press the touch pad, the speaker and the indicating lamp will show corresponding responses. When people are lying, they will flow sweats with tension. At this time the skin's resistance becomes smaller because of perspiration, which causes the changes of the detector's sound and indicating lamp. So according to the principle, people are lying or not can be detected.



656. Pressure switch intermittent music door-bell circuit

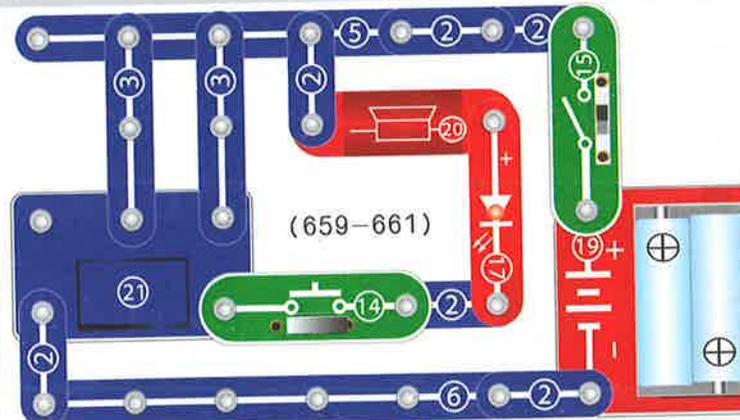
Assemble the circuit according to the graph. Switch on and press the pressure button at a certain rhythm, the loud speaker will send out intermittent music door-bell sound. If you connect the pressure button with thin wire to the outside of the house, when the guests are coming for a visit and press the pressure button, the loud speaker will send out intermittent music, so you can know there are guests visiting.

657. Magnetic switch intermittent music door-bell circuit

Replace the pressure button in the circuit with magnetic switch. Switch on and as you take one end of the magnetic bar close to the magnetic switch, the loud speaker will immediately give out the intermittent music door-bell sound.

658. Touch controlled switch intermittent music door-bell circuit

Replace the pressure button in the circuit with touch pad. Switch on and as you touch the touch pad with the sheet metal, the loud speaker will immediately give out the intermittent music door-bell sound.



659. Magnetic switch intermittent acousto-optic music door-bell circuit

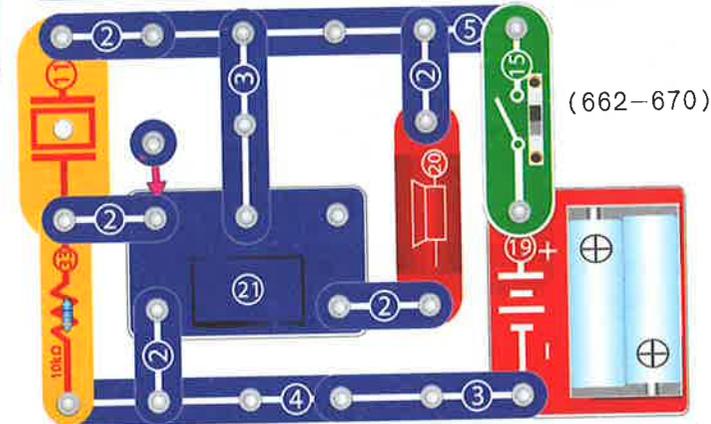
Assemble the circuit according to the graph, what response is happened to the circuit? No, nothing. Now try to take the magnetic bar to touch the magnetic switch, the loud speaker can send out intermittent music door-bell sound and the LED will flash at a certain rhythm. Isn't it very miraculous?

660. Pressure switch intermittent acousto-optic music door-bell circuit

Replace the Magnetic switch in the circuit with pressure button and press/release the pressure button at a certain rhythm by hand, the circuit can be realized.

661. Touch controlled switch intermittent acousto-optic music door-bell circuit

Replace the magnetic switch in the circuit with touch pad and touch the copper platinum of the touch pad with a sheet metal at a certain rhythm, the circuit can be realized.



662. High sensitive sound control music door-bell circuit

Switch on until the music stops. As long as you clap your hands against the sound-activated switch or blow air at the sound-activated switch, the Speaker will send out music again.

663. High sensitive sound control and delayed light circuit

Replace the loud speaker in the circuit with bulb. Switch on until the bulb extinguishes. As long as you clap your hands against the sound-activated switch or blow air at the sound-activated switch, the bulb will flash again and keep a period of time before extinguishing.

664. High sensitive sound control & delayed red light LED circuit

Replace the loud speaker in the circuit with red LED and switch on. Until the LED is off, as long as you clap your hands against the sound-activated switch or blow air at the sound-activated switch, the LED will flash again and keep a period of time before extinguishing.

665. High sensitive light control music door-bell circuit

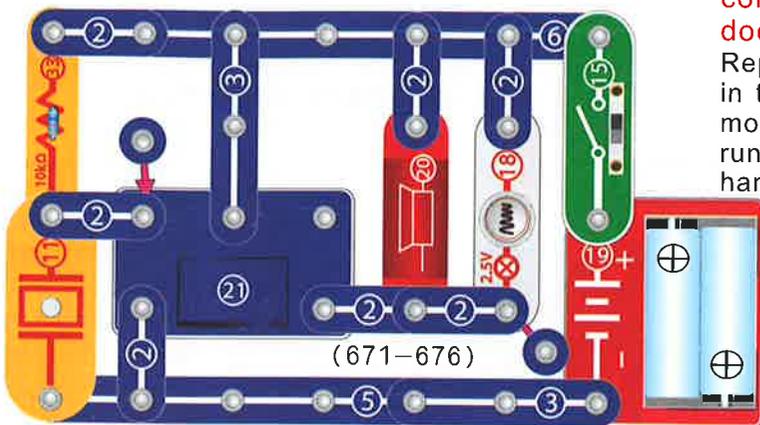
666. High sensitive light control and delayed music door-bell circuit

667. High sensitive light control and delayed red light LED circuit

Replace the sound-activated switch in the circuits 662-664 with Light-activated switch. As long as you gently sway your hand on the Light-activated switch, the phenomena of circuits 665-667 can be realized.

- 668. High sensitive electric motor controlled music door-bell circuit
- 669. High sensitive electric motor control and delayed light circuit
- 670. High sensitive electric motor control and delayed red light LED circuit

Replace the sound-activated switch in the circuits 662-664 with electric motor. As long as you drive the running shaft of the motor with your hand, the phenomena of circuits 668-670 can be realized.



- 671. High sensitive sound controlled light and music door-bell circuit

Assemble the circuit according to the graph and switch on. Until the music stops, as long as you clap your hands against the sound-activated switch or blow air at the sound-activated switch, the Speaker will send out music again and the bulb will light.

- 672. High sensitive sound controlled red light and music door-bell circuit

Replace the bulb in the circuit with red LED and switch on. Until the music stops, as long as you clap your hands against the sound-activated switch or blow air at the sound-activated switch, the Speaker will send out music again and the LED will flash.

- 673. High sensitive light controlled music door-bell circuit
- 674. High sensitive light controlled red light and music door-bell circuit

Replace the sound-activated switch in the circuits 671-672 with Light-activated switch. As long as you gently sway your hand on the Light-activated switch, the phenomena of circuits 673-674 can be realized.

- 675. High sensitive electric motor controlled light and music door-bell circuit

- 676. High sensitive electric motor controlled red light and music door-bell circuit

Replace the sound-activated switch in the circuits 671-672 with electric motor. As long as you drive the running shaft of the motor with your hand, the phenomena of circuits 675-676 can be realized.

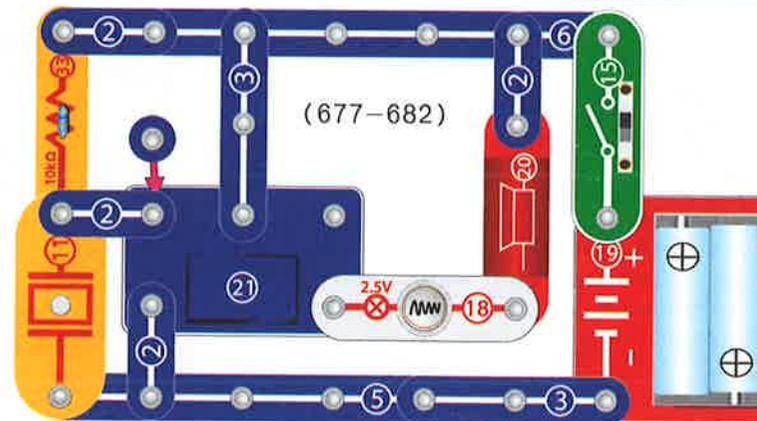
- 677. High sensitive sound controlled alto, light and music door-bell circuit

Assemble the circuit according to the graph and switch on. Until the music stops, as long as you clap your hands against the sound-activated switch or blow air at the sound-activated switch, the Speaker will sound again and the bulb will light.

- 678. High sensitive sound controlled alto, red light and music door-bell circuit

Replace the bulb in the circuit with red LED and switch on. Until the music stops, as long as you clap your hands against the sound-activated switch or blow air at the sound-activated switch, the speaker will sound again and the LED will light.

- 679. High sensitive light controlled alto, light and music door-bell circuit

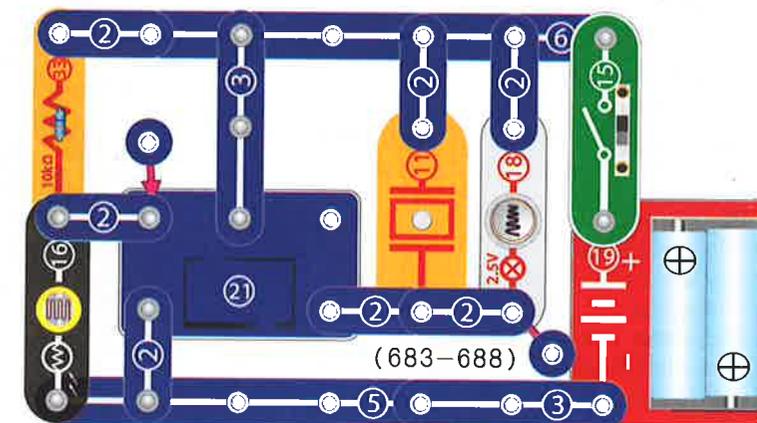


- 680. High sensitive light controlled alto, red light and music door-bell circuit

Replace the sound-activated switch in the circuits 677-678 with light-activated switch. As long as you gently sway your hand on the light-activated switch, the phenomena of circuits 679-680 can be realized.

- 681. High sensitive electric motor controlled alto, light and music door-bell circuit
- 682. High sensitive electric motor controlled alto, red light and music door-bell circuit

Replace the sound-activated switch in the circuits 677-678 with electric motor. As long as you drive the running shaft of the motor with your hand, the phenomena of circuits 681-682 can be realized.



- 683. High sensitive light controlled buzzing, light and music door-bell circuit

683. High sensitive light controlled buzzing, light and music door-bell circuit

Assemble the circuit according to the graph and switch on. Until the music stops, as long as you lightly sway your hand on the light-activated switch, the sound-activated switch will send out sound again, and the bulb will light at the same time.

684. High sensitive light controlled buzzing, red light and music door-bell circuit

Replace the bulb in the circuit with red LED and switch on. Until the music stops, as long as you lightly sway your hand on the light-activated switch, the sound-activated switch will send out sound again, and the LED will flash red at the same time.

685. High sensitive light controlled buzzing and music door-bell circuit

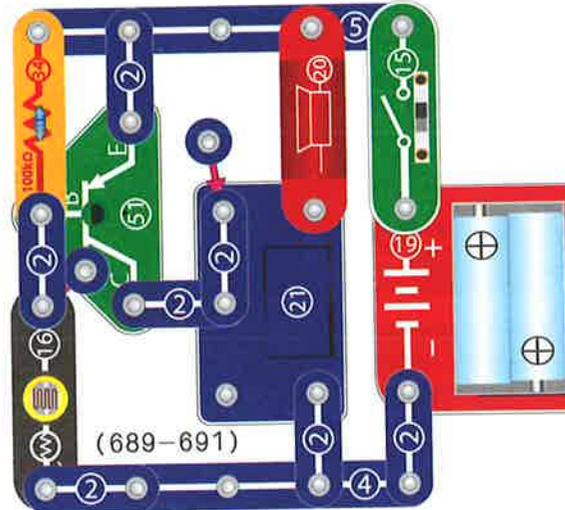
Replace the bulb in the circuit with 100Ω resistance and switch on. Until the music stops, as long as you lightly sway your hand on the light-activated switch, the sound-activated switch will send out sound again.

686. High sensitive electric motor controlled buzzing, light and music door-bell circuit

687. High sensitive electric motor controlled buzzing, red light and music door-bell circuit

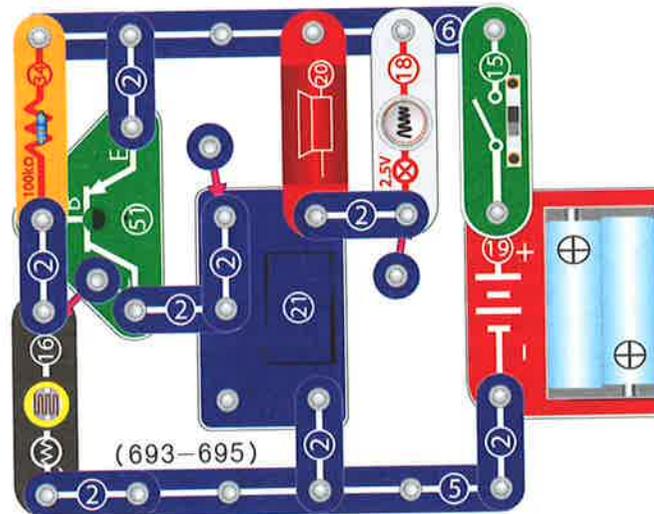
688. High sensitive electric motor controlled buzzing, red light and music door-bell circuit

Replace the sound-activated switch in the circuits 683-685 with electric motor. As long as you drive the running shaft of the motor with your hand, the phenomena of circuits 686-688 can be realized.



692. Darkfall soft music sounding circuit

Assemble the circuit according to the graph and switch on. Does the speaker sound? No, now try to cover the light of the Light-activated switch or until it is dark, the Speaker will sound soft birthday blessing music, and the LED will light at the same time.



689. Daybreak music alarming circuit

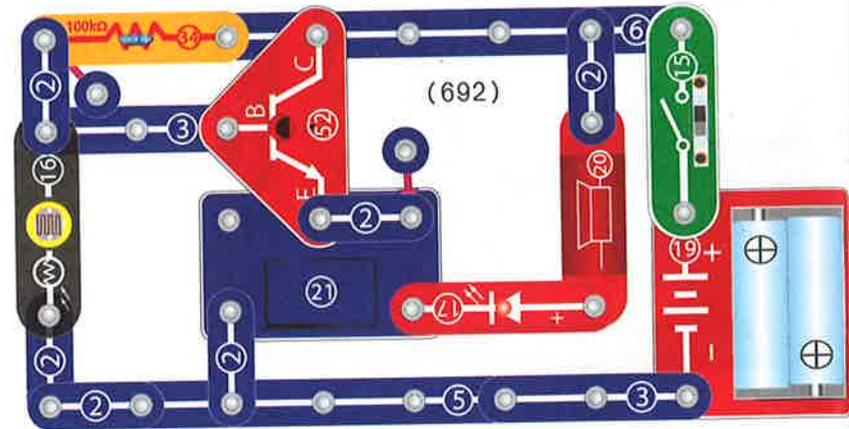
Assemble the circuit according to the graph. Switch on at night, when day breaks the music will be sounded to alarm you getting up.

690. Daybreak light alarming circuit

Replace the speaker in the circuit with bulb. Switch on at night, when day breaks the bulb will light to alarm you getting up.

691. Daybreak red light alarming circuit

Replace the speaker in the circuit with red LED. Switch on at night, when day breaks the LED will give out red light to



693. Daybreak light and sound alarming circuit (1)

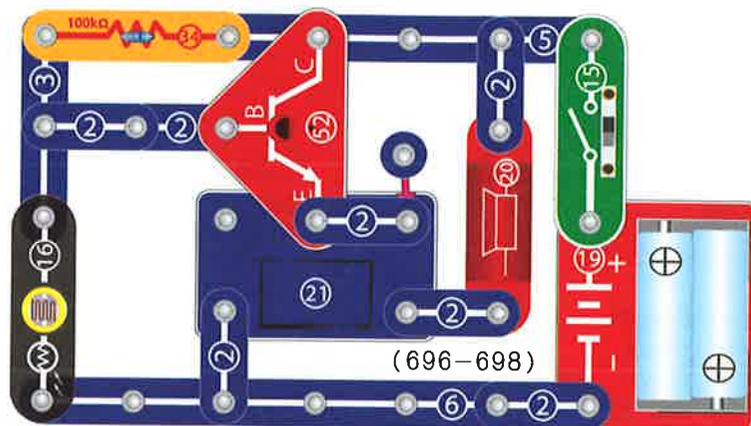
Assemble the circuit according to the graph. Switch on at night and when the day breaks, the speaker will send out music and the bulb will light at the same time.

694. Daybreak light and sound alarming circuit (2)

Replace the bulb in the circuit with red LED. Switch on at night and when the day breaks, the speaker will send out music and the LED will flash as the music rhythm.

695. Daybreak double light alarming circuit

Replace the Speaker in the circuit with red LED. Switch on at night and when the day breaks, both the bulb and diode will flash.



696. Darkfall alarming circuit

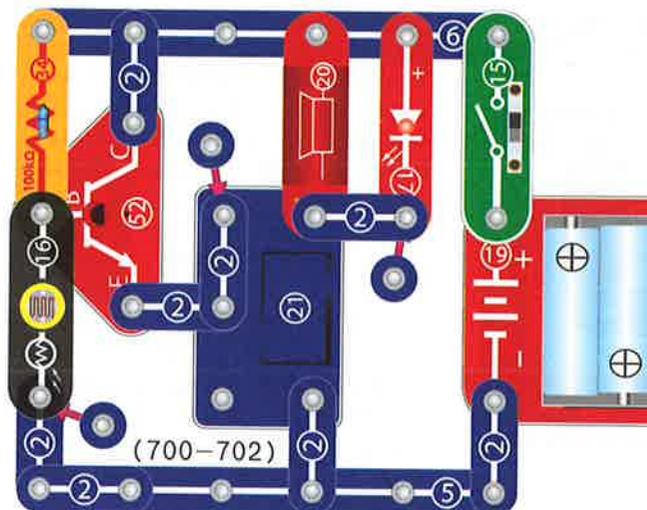
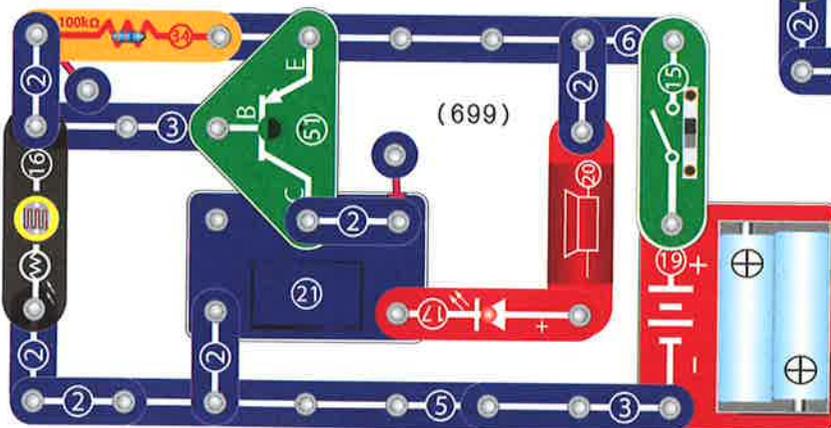
Assemble the circuit according to the graph and switch on, the loud speak does not sound. When it falls dark or you cover the light of the Light-activated switch with your hand, wow, the loud speaker sends out music to arouse you that it is dark.

697. Darkfall lighting bulb circuit

Replace the Speaker in the circuit with bulb and switch on. When it falls dark, the bulb will light.

698. Darkfall red light circuit

Replace the Speaker in the circuit with red LED and switch on. When it falls dark, the LED will give out red light.



700. Darkfall sounding and red light circuit

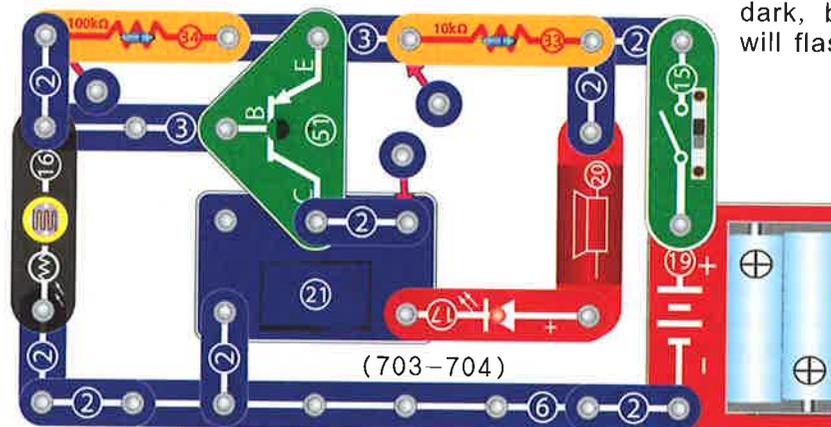
After assembling the circuit, as long as it falls dark or you cover the light on the Light-activated switch with your hand, the Speaker will send out music and the LED will give out red light.

701. Darkfall sounding and green light circuit

Replace the red LED in the circuit with green one, the circuit can be realized.

702. Night double colorful light flashing circuit

Replace the speaker in the circuit with green LED and switch on, are the two LED on? No. When it falls dark, both the red and green LEDs will flash colorfully.



703. Daybreak alarm clock sounding circuit

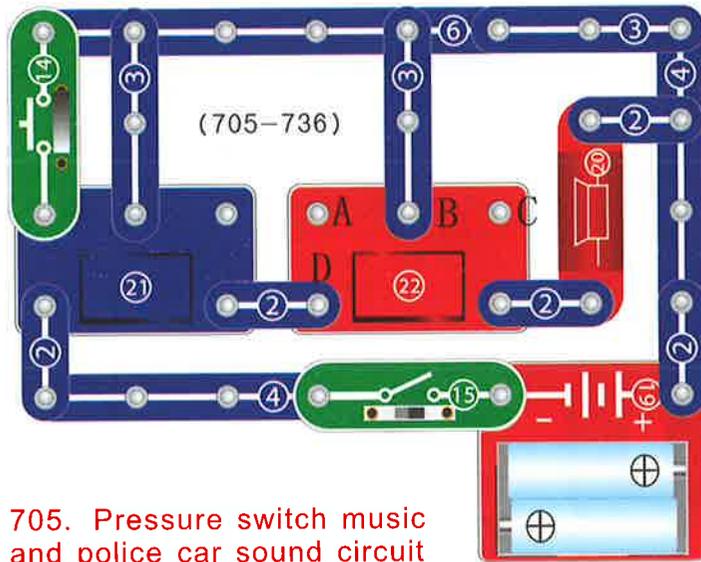
Assemble the circuit according to the graph and switch on, is there any response to the circuit? No. When day breaks, the speaker will sound to arouse you getting up.

704. Soft birthday blessing music circuit in the dark

Exchange the position of the 100kΩ resistance with the Light-activated switch in the circuit. Then put the circuit in the house, when it falls dark, the loud speaker will sound soft birthday blessing music.

699. Daybreak soft music sounding circuit

After assembling the circuit and switch on at night, no responses occur to the circuit. Until day breaks when light shines on the Light-activated switch, the loud speaker will send out soft music and the LED will flash at the same time.



705. Pressure switch music and police car sound circuit

Assemble the circuit according to the graph and switch on, the speaker will send out the mixed police car music sound. When the sound stops and press the pressure button, the speaker will once again send out the sound and last a while before it stops.

706. Magnetic switch music and police car sound circuit

Replace the pressure button in the circuit with Magnetic switch and switch on. Take the magnetic bar close to the Magnetic switch after the Speaker stops sounding, the speaker will once again send out the sound and last a while before it stops.

707. Touch controlled switch music and police car sound circuit

Replace the pressure button in the circuit with touch pad. Switch on and take the sheet metal to touch the touch pad after the speaker stops sounding. The speaker will once again send out the sound and last a while before it stops.

708. Electric motor controlled music and police car sound circuit

Replace the pressure button in the circuit with electric motor. Switch on and drive the running shaft of the motor with hand after the speaker stops sounding, the speaker will once again send out the sound and last a while before it stops.

709. Light controlled switch music and police car sound circuit

Replace the pressure button in the circuit with Light-activated switch. Switch on and cover the light of the Light-activated switch with your hand after the speaker stops sounding, the speaker will once again send out the sound and last a while before it stops.

710. Sound controlled switch music and police car sound circuit

Replace the pressure button in the circuit with sound-activated switch. Switch on and shout against the sound-activated switch. or blow air at the sound-activated switch. after the speaker stops sounding, the speaker will once again send out the sound and last a while before it stops.

711. Light controlled switch music and police car sound circuit

Replace the pressure button in the circuit with bulb. Switch on and lightly unscrew the bulb with hand after the speaker stops sounding, the speaker will once again send out the sound and last a while before it stops.

712. Water controlled switch music and police car sound circuit

Replace the pressure button in the circuit with touch pad. Switch on and drop a drop of water on the copper platinum of the touch pad after the Speaker stops sounding, the speaker will once again send out the sound and last a while before it stops.

713. Pressure switch music and machine gun sound circuit

714. Magnetic switch music and machine gun sound circuit

715. Touch controlled switch music and machine gun sound circuit

716. Electric motor controlled music and machine gun sound circuit

717. Light controlled switch music and machine gun sound circuit

718. Sound controlled switch music and machine gun sound circuit

719. Bulb controlled switch music and machine gun sound circuit

720. Water controlled switch music and machine gun sound circuit
Connect points B and C with single and double connecting pieces in the circuits 705-712, the phenomena of circuits 713-720 can be realized.

721. Pressure switch music and fire engine sound circuit

722. Magnetic switch music and fire engine sound circuit

723. Touch controlled switch music and fire engine sound circuit

724. Electric motor controlled music and fire engine sound circuit

725. Light controlled switch music and fire engine sound circuit

726. Sound controlled switch music and fire engine sound circuit

727. Bulb controlled music and fire engine sound circuit

728. Water controlled switch music and fire engine sound circuit

Connecting points B and C with single and double connecting pieces in the circuits 705-712, the phenomena of circuits 721-728 can be realized.

729. Pressure switch music and ambulance sound circuit

730. Magnetic switch music and ambulance sound circuit

731. Touch controlled switch music and ambulance sound circuit

732. Electric motor controlled music and ambulance sound circuit

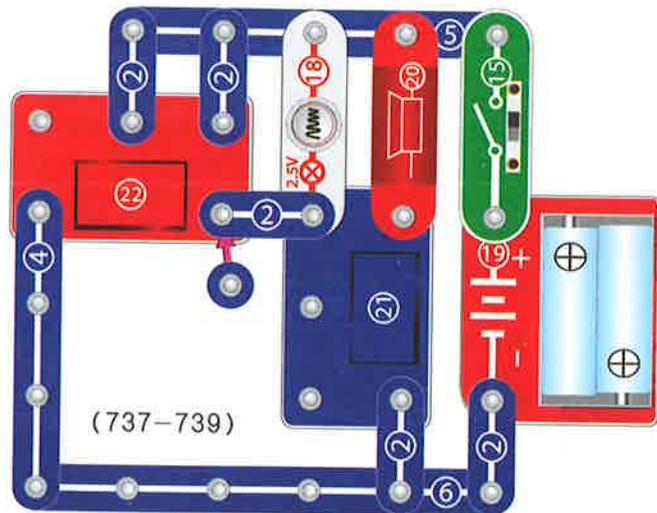
733. Light controlled switch music and ambulance sound circuit

734. Sound controlled switch music and ambulance sound circuit

735. Bulb controlled switch music and ambulance sound circuit

736. Water controlled switch music and ambulance sound circuit

Connecting points B and C with single and double connecting pieces in the circuits 705-712, the phenomena of circuits 729-736 can be realized.



737. Intermittent music and reverberant sound circuit

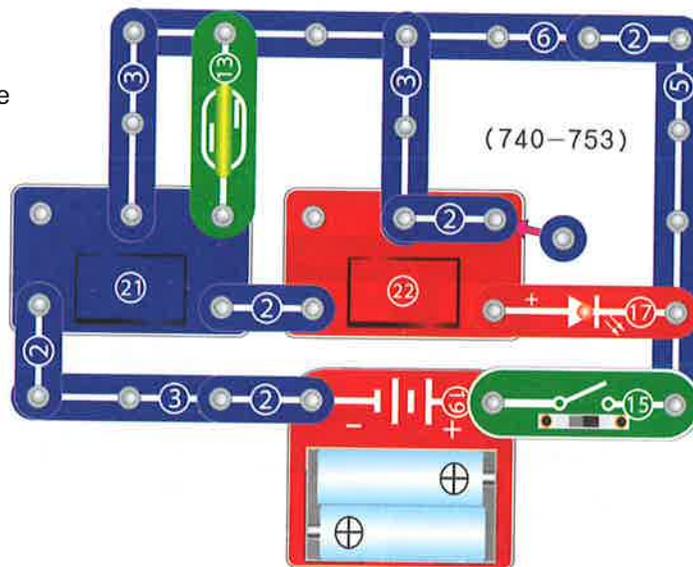
Assemble the circuit according to the graph and switch on, the bulb will light intermittently and the loud speaker will send out intermittent reverberant sound. This circuit makes advantage of the machine gun sound of alarm integrated circuit to control the music integrated circuit. Isn't it very miraculous?

738. Intermittent buzzing and reverberant sound circuit

Replace the loud speaker in the circuit with sound-activated switch and switch on, the bulb will intermittently light, at the same time the sound-activated switch will send out intermittent reverberant sound.

739. Intermittent double flashing light circuit

Replace the loud speaker in the circuit with red LED and switch on, both the bulb and the LED will light by turns and flash.



740. Magnetic switch red flashing LED circuit

Assemble the circuit according to the graph and switch on, the LED is on. After the LED is off, take one end of the magnetic bar close to the magnetic switch, wow, the LED is flashing red again.

741. Touch controlled switch red flashing LED circuit

Replace the Magnetic switch in the circuit with touch pad and switch on. After the LED is off, at the time take the sheet metal (such as single conductive piece) to touch the touch pad, the LED is flashing again.

742. Pressure switch red flashing LED circuit

Replace the Magnetic switch in the circuit with pressure button and switch on. After the LED is off, press the pressure button, the LED is flashing again.

743. Electric motor controlled red flashing LED circuit

Replace the magnetic switch in the circuit with electric motor and switch on. After the LED is off, as you driving the small shaft of the motor, the LED will flash again.

744. Sound controlled switch red flashing LED circuit

Replace the magnetic switch in the circuit with sound-activated switch and switch on. After the LED is off, as you shout against the sound-activated switch, the LED will flash again.

745. Light controlled switch red flashing LED circuit

Replace the magnetic switch in the circuit with light-activated switch and switch on. After the LED is off, as you cover the light of the light-activated switch, the LED is flashing again.

746. Water controlled switch red flashing LED circuit

Replace the magnetic switch in the circuit with touch pad and switch on. After the LED is off, at the time as you drop a drop of water on the copper platinum of the touch pad, the LED is flashing again.

747. Magnetic switch flashing light circuit

748. Touch controlled switch flashing light circuit

749. Pressure switch flashing light circuit

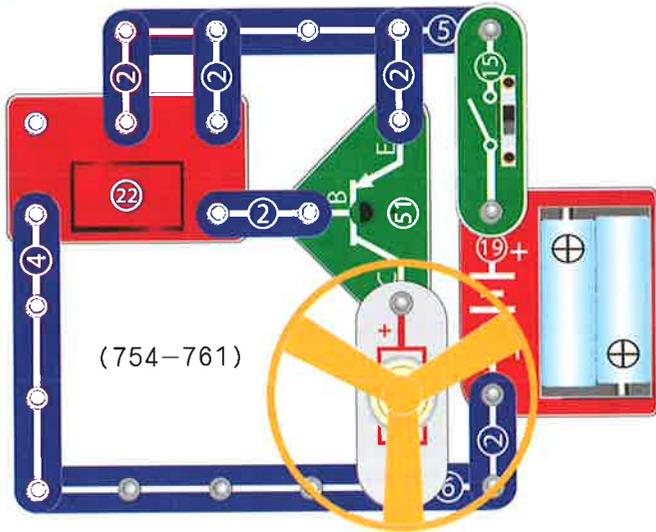
750. Electric motor controlled flashing light circuit

751. Sound controlled switch flashing light circuit

752. Light controlled switch flashing light circuit

753. Water controlled switch flashing light circuit

Replace the red LED in the circuits 740-746 with bulb, the phenomena of circuits 747-753 can be realized.



754. Intermittent electric fan rotating stop circuit (1)

Assemble the circuit according to the graph and switch on, the electric fan rotates first, then intermittently stops running.

755. Pressure switch intermittent electric fan rotating stop circuit (1)

Replace the slide switch in the circuit with pressure button and press the pressure button with hand, after the electric fan rotates, it will happen intermittent rotation.

756. Magnetic switch intermittent electric fan rotating stop circuit (1)

Replace the slide switch in the circuit with magnetic switch and take the magnetic bar close to the magnetic switch, after the electric fan rotates, it will happen intermittent rotation.

757. Touch controlled switch intermittent electric fan rotating stop circuit (1)

Replace the slide switch in the circuit with touch pad and press the copper platinum of the touch pad with a sheet metal. After the electric fan rotates, intermittent rotation will happen to it.

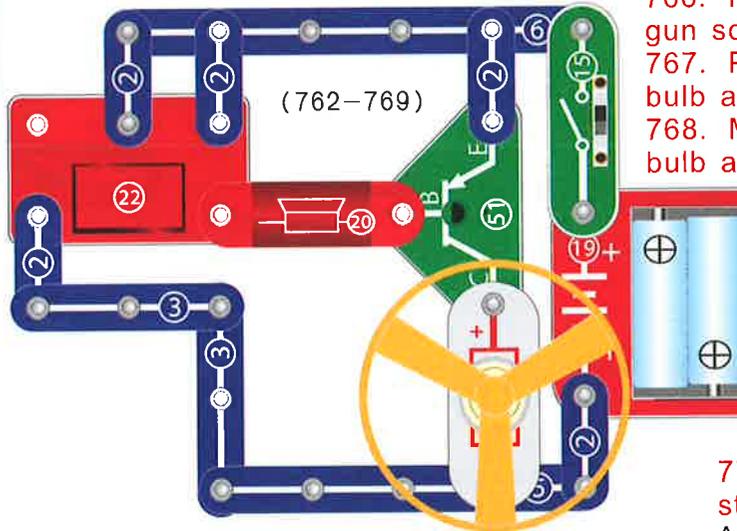
758. Intermittent flashing bulb circuit (1)

759. Pressure switch intermittent flashing bulb circuit (1)

760. Magnetic switch intermittent flashing bulb circuit (1)

761. Touch controlled switch intermittent flashing bulb circuit (1)

Replace the electric motor in the circuits 754-757 with a 2.5V bulb, the phenomena of circuits 758-761 can be realized.



762. Intermittent electric fan rotating stop and machine gun sound circuit (1)

Assemble the circuit according to the graph and switch on. After the electric fan rotates, intermittent rotation will happen to it.

763. Pressure switch intermittent electric fan rotating stop and machine gun sound circuit (1)

Replace the slide switch in the circuit with pressure button and press it. After the electric fan rotates, intermittent rotation will happen to it.

764. Magnetic switch intermittent electric fan rotating stop and machine gun sound circuit (1)

Replace the slide switch in the circuit with magnetic switch and take the magnetic bar to touch the magnetic switch. After the electric fan rotates, intermittent rotation will happen to it.

765. Touch controlled switch intermittent electric fan rotating stop and machine gun sound circuit (1)

Replace the slide switch in the circuit with touch pad and take the sheet metal to touch the copper platinum of the touch pad. After the electric fan rotates, intermittent rotation will happen to it.

766. Intermittent flashing bulb and machine gun sound circuit (1)

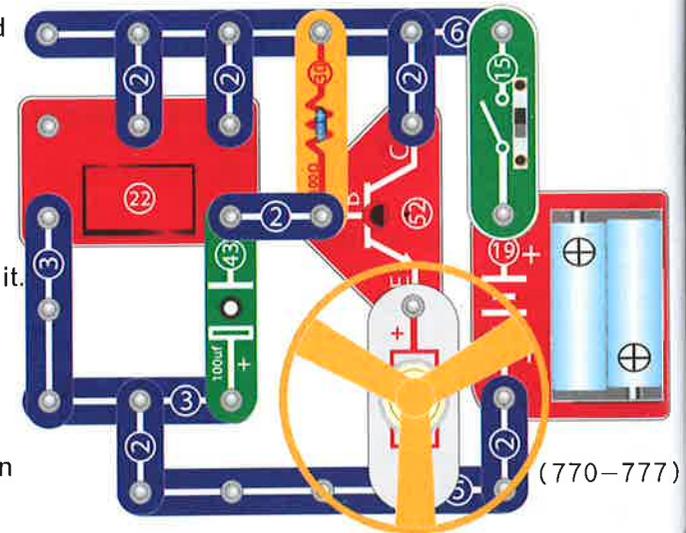
767. Pressure switch intermittent flashing bulb and machine gun sound circuit (1)

768. Magnetic switch intermittent flashing bulb and machine gun sound circuit (1)

Replace the electric motor in the circuits 762-765 with a 2.5V bulb, the phenomena of circuits 766-769 can be realized.

770. Intermittent electric fan rotating stop circuit (2)

Assemble the circuit according to the graph and switch on, the electric fan will rotate first then appear intermittent rotation.



771. Pressure switch intermittent electric fan rotating stop circuit (2)

Replace the switch in the circuit with pressure button and press it, the electric fan will rotate first then appear intermittent rotation.

772. Magnetic switch intermittent electric fan rotating stop circuit (2)

Replace the slide switch in the circuit with magnetic switch and take the magnetic bar close to the magnetic switch, the electric fan will rotate first then appear intermittent rotation.

773. Touch-controlled switch intermittent electric fan rotating stop circuit (2)

Replace the slide switch in the circuit with touch pad and press the copper platinum of the touch pad with a sheet metal, the electric fan will rotate first then appear intermittent rotation.

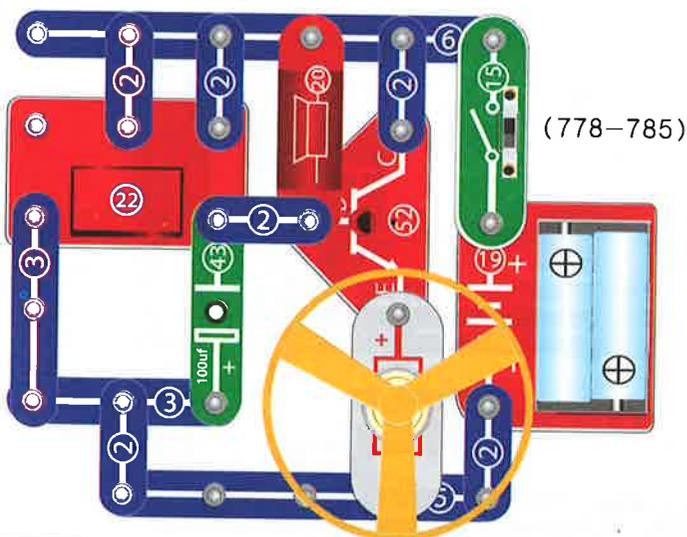
774. Intermittent flashing bulb circuit (2)

775. Pressure switch intermittent flashing bulb circuit (2)

776. Magnetic switch intermittent flashing bulb circuit (2)

777. Touch controlled switch intermittent flashing bulb circuit (2)

Replace the electric motor in the circuits 771-773 with a 2.5V bulb, the phenomena of circuits 774-777 can be realized.



778. Intermittent electric fan rotating stop and machine gun sound circuit (2)

Assemble the circuit according to the graph and switch on, the the electric fan will rotate first then appear intermittent rotation.

779. Pressure switch intermittent electric fan rotating stop and machine gun sound circuit (2)

Replace the switch in the circuit with pressure button and press it, the electric fan will rotate first then appear intermittent rotation.

780. Magnetic switch intermittent electric fan rotating stop and machine gun sound circuit (2)

Replace the slide switch in the circuit with magnetic switch and take the magnetic bar close to the magnetic switch, the electric fan will rotate first then appear intermittent rotation.

781. Touch ontrolled switch intermittent electric fan rotating stop and machine gun sound circuit (2)

Replace the slide switch in the circuit with touch pad and press the copper platinum of the touch pad with a sheet metal, the electric fan will rotate first then appear intermittent rotation.

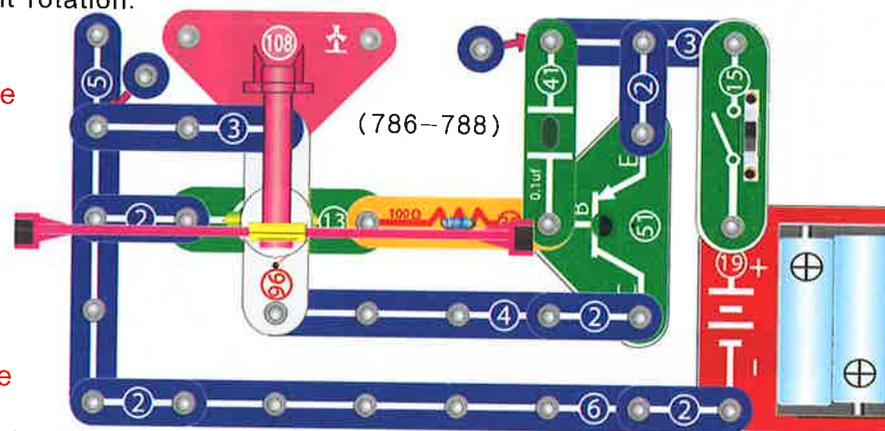
782. Intermittent flashing bulb and machine gun sound circuit (2)

783. Pressure switch intermittent flashing bulb and machine gun sound circuit (2)

784. Magnetic switch intermittent flashing bulb and machine gun sound circuit (2)

785. Touch controlled switch intermittent flashing bulb and machine gun sound circuit (2)

Replace the electric motor in the circuits 778-781 with a 2.5V bulb, the phenomena of circuits 782-785 can be realized.



786. Electromagnetic windmill circuit

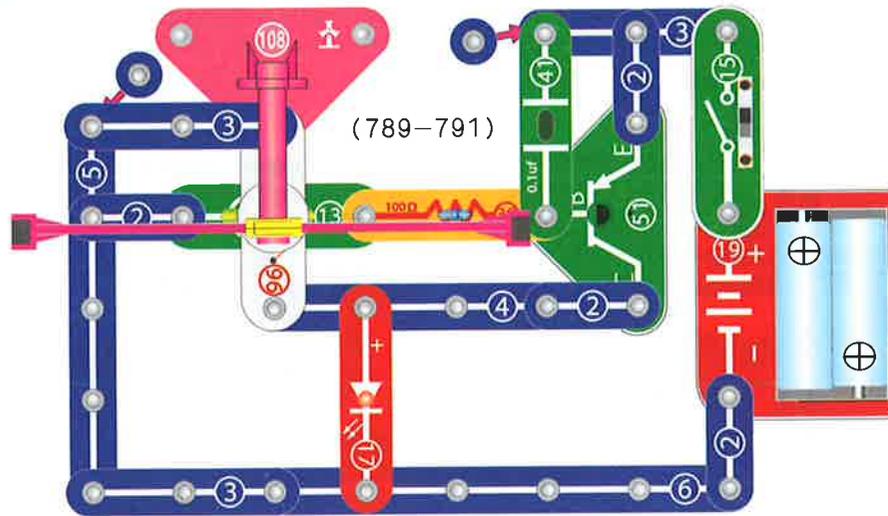
Assemble the circuit according to the graph and switch on, move the windmill's fan blade with hand, the electromagnetic windmill will rotate on and on.

787. Pressure switch electromagnetic windmill circuit

Replace the slide switch in the circuit with pressure button and press it. Then rotate the windmill's fan blade, the windmill then will rotate on and on.

788. Touch controlled switch electromagnetic windmill circuit

Replace the slide switch in the circuit with touch pad and press the copper platinum of the touch pad with a sheet metal. Then rotate the windmill's fan blade, the windmill then will rotate on and on.



789. Red flashing electromagnetic windmill circuit

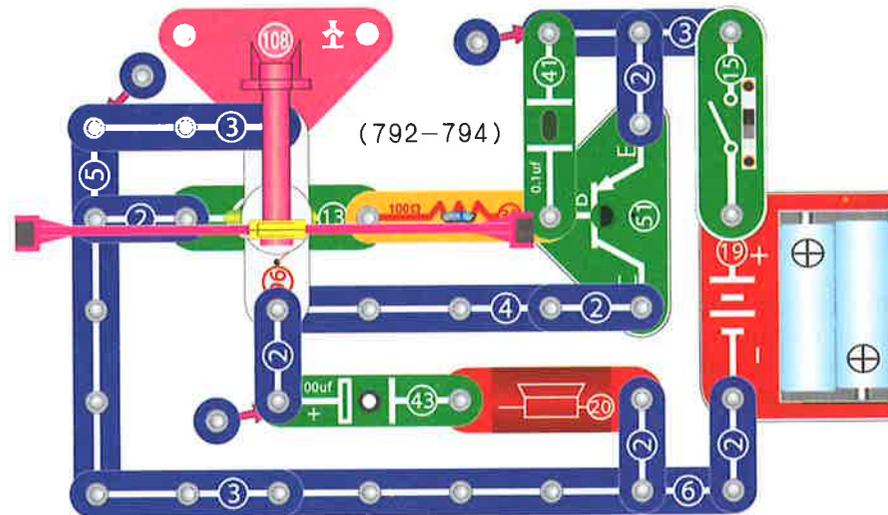
Assemble the circuit according to the graph and switch on. Rotate the windmill's fan blade with hand, the windmill then will rotate on and on, and the red diode will also flash as the windmill rotates.

790. Pressure switch red flashing electromagnetic windmill circuit

Replace the slide switch in the circuit with pressure button and press it. Then rotate the windmill's fan blade with hand, the windmill then will rotate on and on, and the red LED will also flash as the windmill rotates.

791. Touch controlled switch red flashing electromagnetic windmill circuit

Replace the slide switch in the circuit with touch pad and press the copper platinum of the touch pad with a sheet metal. Then rotate the windmill's fan blade with hand, the windmill then will rotate on and on, and the red LED will also flash as the windmill rotates.



792. Sound able electromagnetic windmill circuit

Assemble the circuit according to the graph and switch on. Rotate the windmill's fan blade, the electromagnetic windmill then will rotate on and on, at the same time the Speaker will "click" as the windmill rotates.

793. Pressure electromagnetic windmill circuit

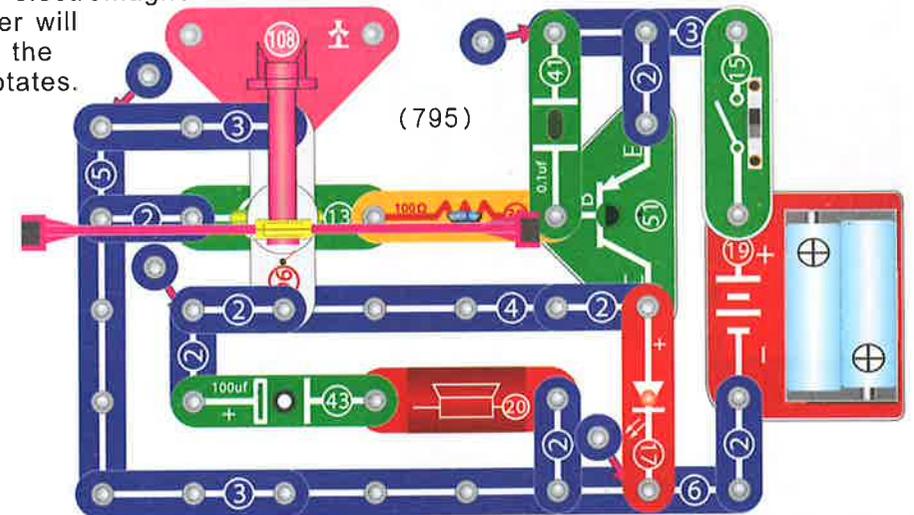
Replace the slide switch in the circuit with pressure button and press it. Then rotate the windmill's fan blade, the electromagnetic windmill will rotate on and on, at the same time the speaker will "click" as the windmill rotates.

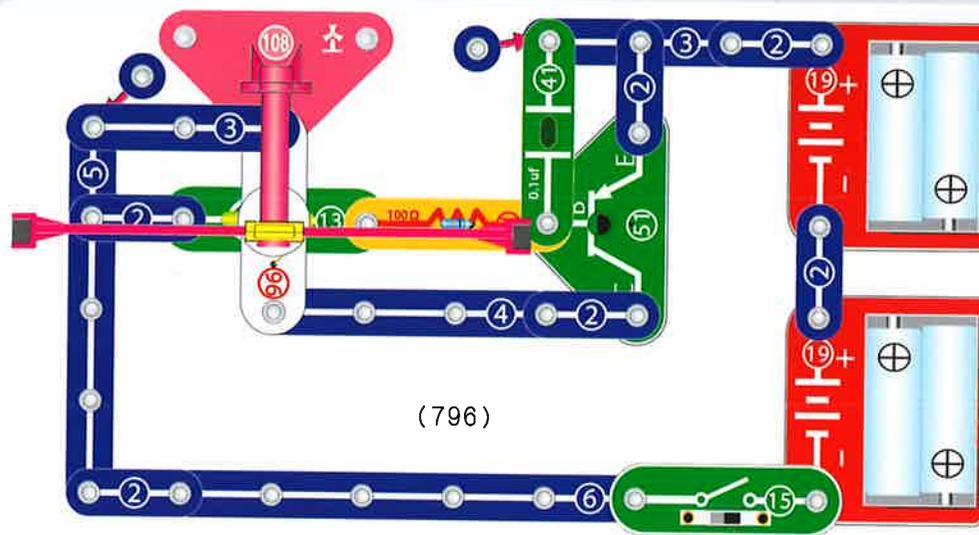
794. Touch controlled switch soundable electromagnetic windmill circuit

Replace the slideswitch in the circuit with touch pad and press the copper platinum of the touch pad with a sheet metal. Then rotate the windmill's fan blade, the electromagnetic windmill will rotate on and on, at the same time the Speaker will "click" as the windmill rotates.

795. Sounding and flashing electromagnetic windmill circuit

Assemble the circuit according to the graph and switch on. Rotate the windmill's fan blade, the electromagnetic windmill then will rotate on and on, at the same time the diode will flash red and the speaker will "click" as the windmill rotates.

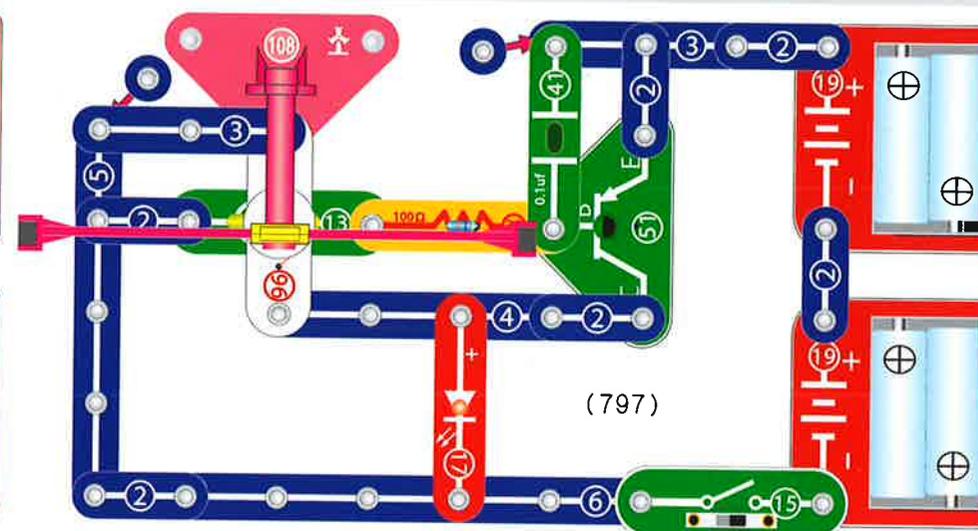




(796)

796. Highspeed electromagnetic windmill circuit

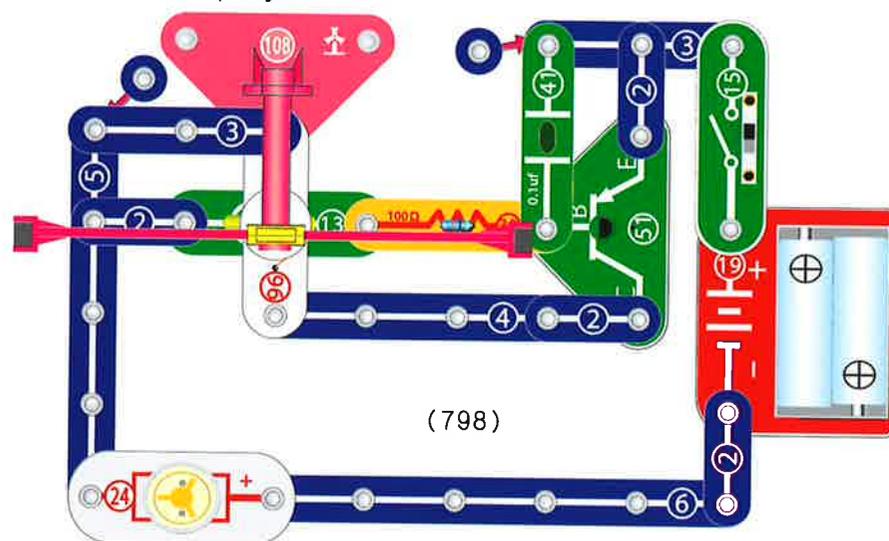
Assemble the circuit according to the graph and switch on. Rotate the windmill's fan blade with your hand, the electromagnetic windmill then will rotate rapidly.



(797)

797. Flashing and highspeed electromagnetic windmill circuit

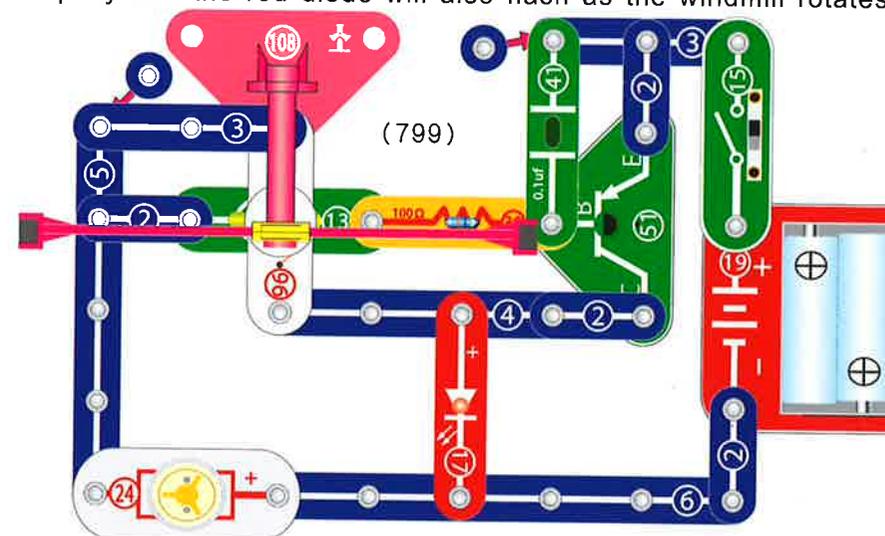
Assemble the circuit according to the graph and switch on. Rotate the windmill's fan blade with your hand, the electromagnetic windmill then will rotate rapidly and the red diode will also flash as the windmill rotates.



(798)

798. Electromagnetic windmill and electric motor rotation circuit

Assemble the circuit according to the graph and switch on. Rotate the windmill's fan blade, the electromagnetic windmill will rotate on and on, and the electric motor will follow to rotate intermittently.



(799)

799. Flashing red, electromagnetic windmill and electric motor rotation circuit

Assemble the circuit according to the graph and switch on. Rotate the windmill's fan blade, the electromagnetic windmill will rotate on and on, the electric motor will follow to rotate intermittently and the red LED will also flash as the windmill rotates.

Good partner for your happy growth

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