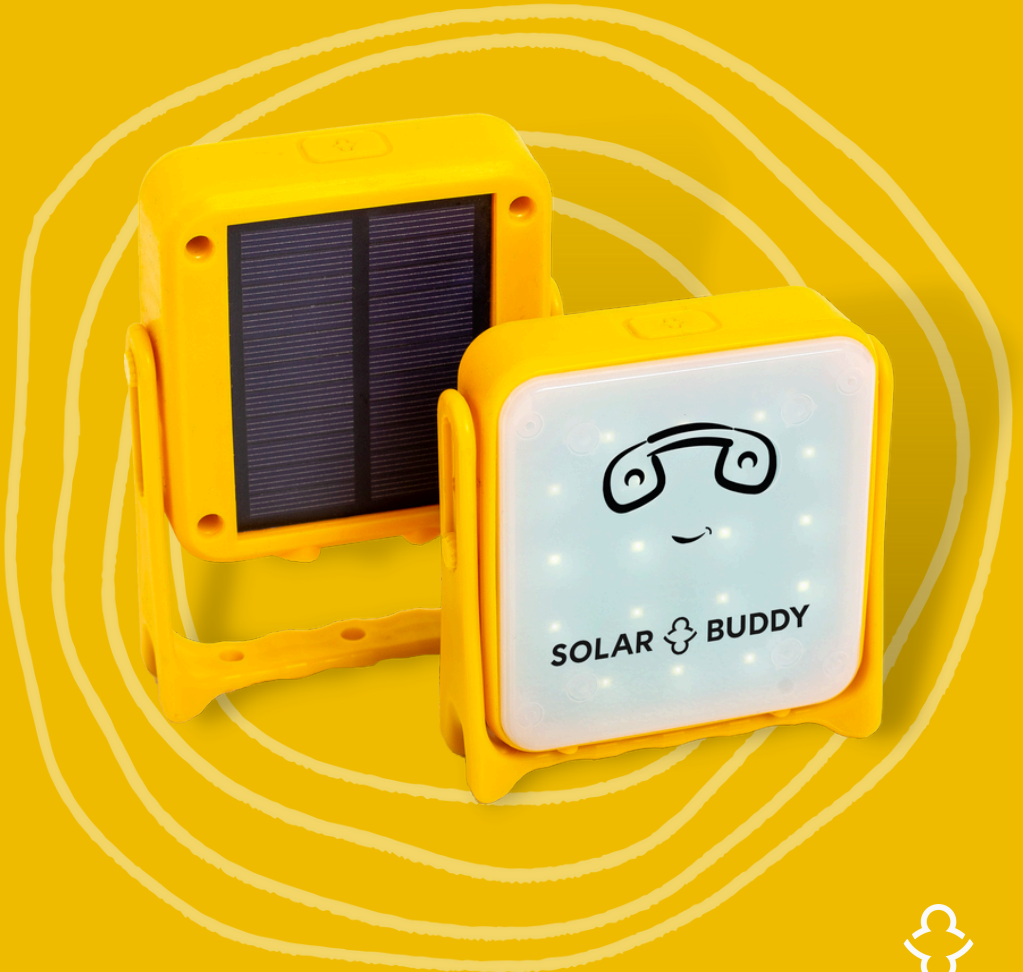




HOW TO:

Build your JuniorBuddy

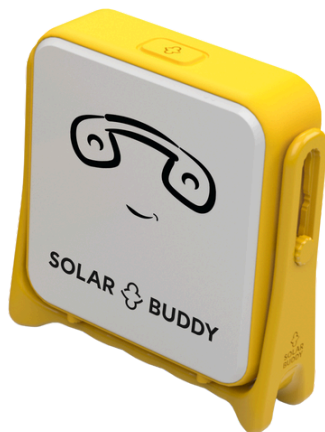


SOLAR
BUDDY

UNPACK YOUR LIGHT

Your JuniorBuddy will arrive and appear to be built already.

All the parts are inside for you to unwrap and put together!



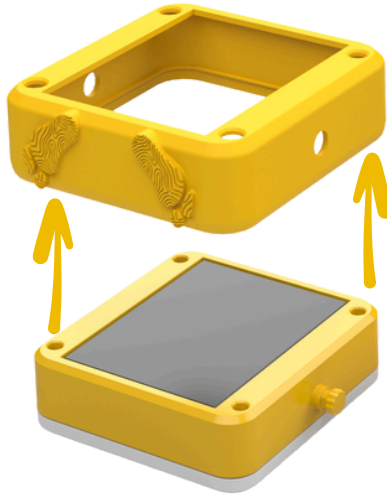
1

Line up the middle hole on the handle with the brackets on the side of the light.

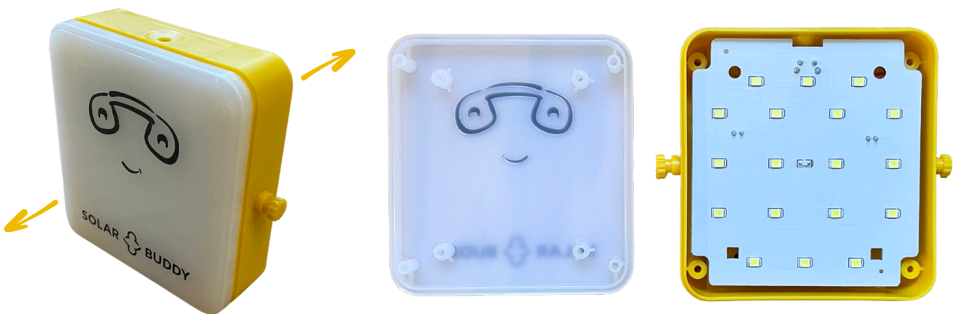
One side at a time, pull the handle away from the light to unclip the handle.



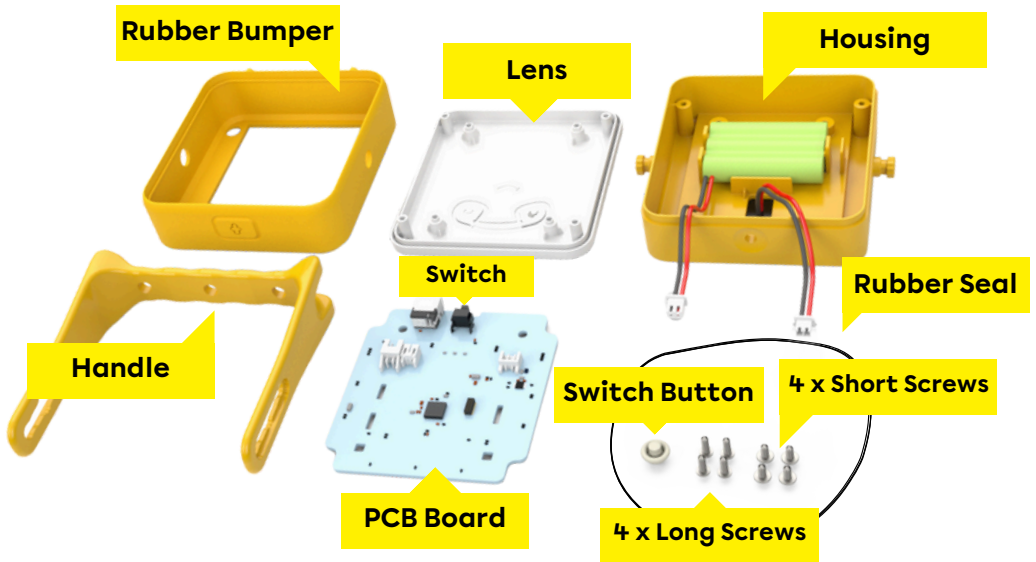
2 Peel the rubber bumper off



3 Separate the lens and the housing to unpack all the parts to complete your build



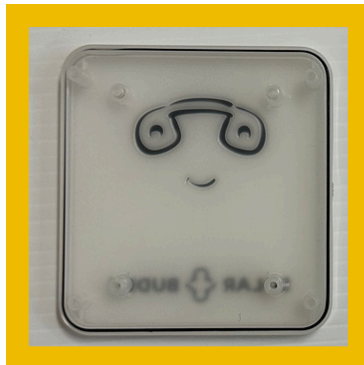
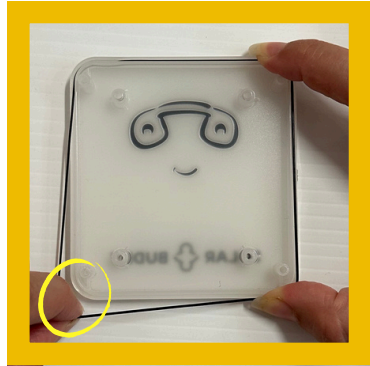
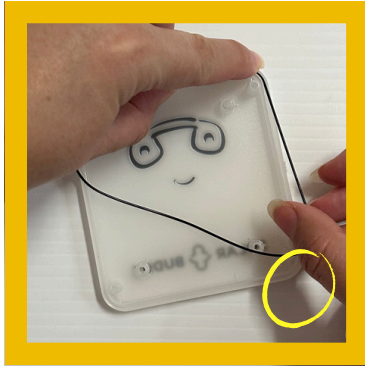
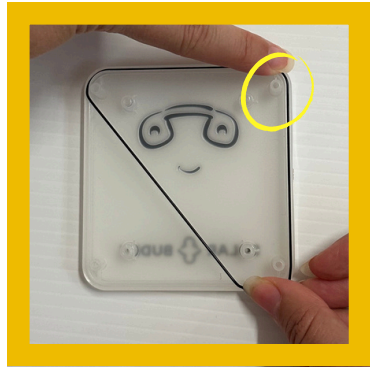
Starting components



1

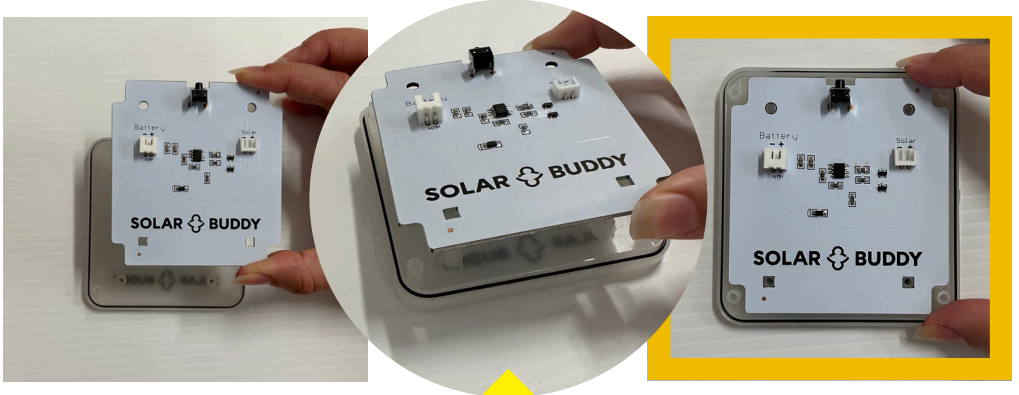
Install the rubber seal to the outside border of the lens to ensure the light is waterproof.

The rubber seal is stretchy like a rubber band. Install into 1 corner at a time, holding them into the border as you tuck the band around the next edge. You can use your screwdriver to help get the band in securely.

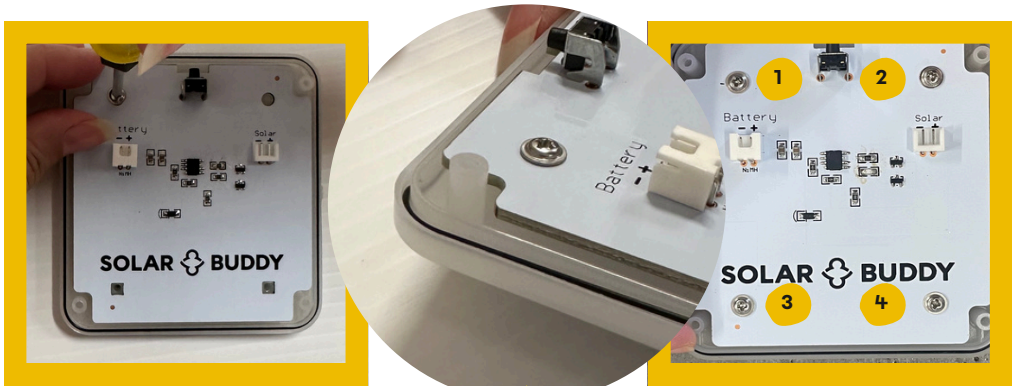


2

Place the PCB board onto the lens so the holes line up. Install the short screws in the 4 holes in the corners and tighten with the screw driver provided.



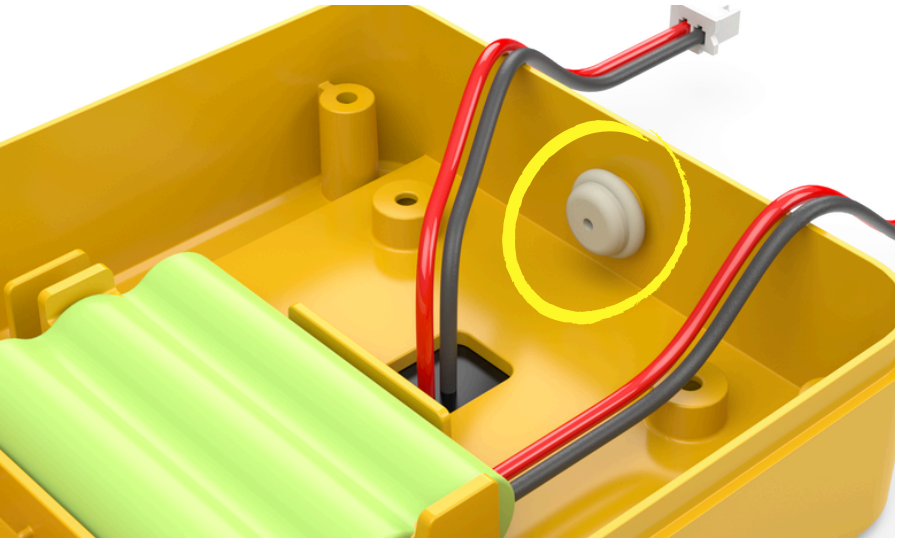
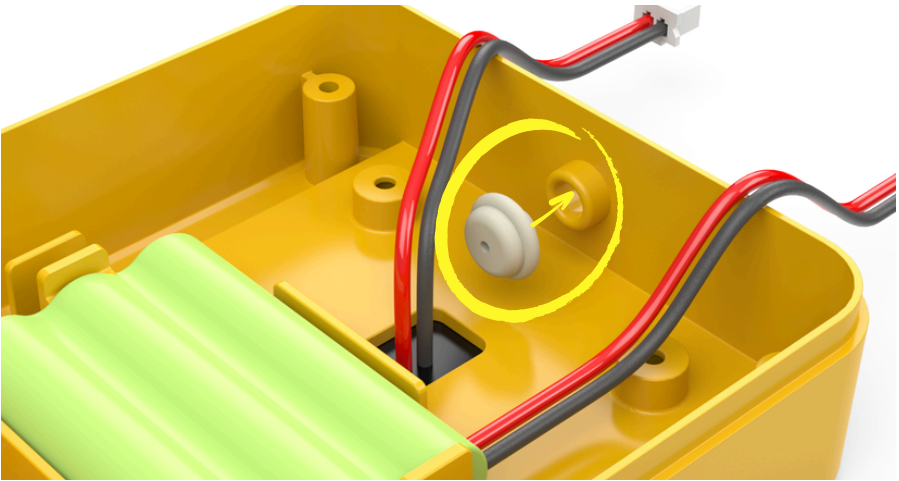
Make sure the SolarBuddy logos sit on top of each other



Tighten the screws until they sit flush on the PCB

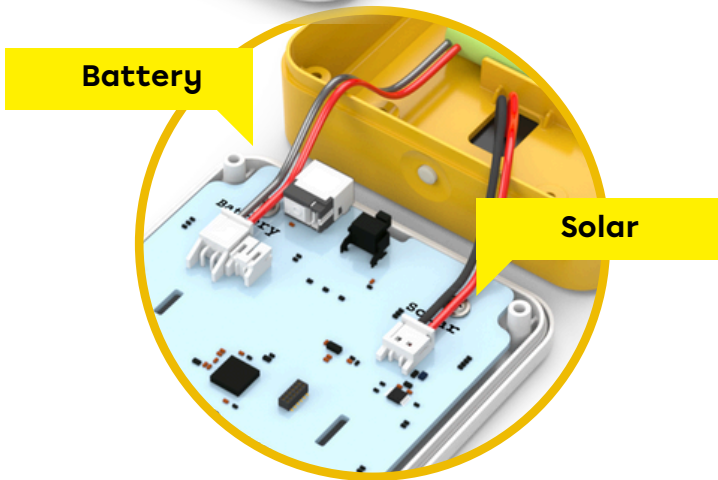
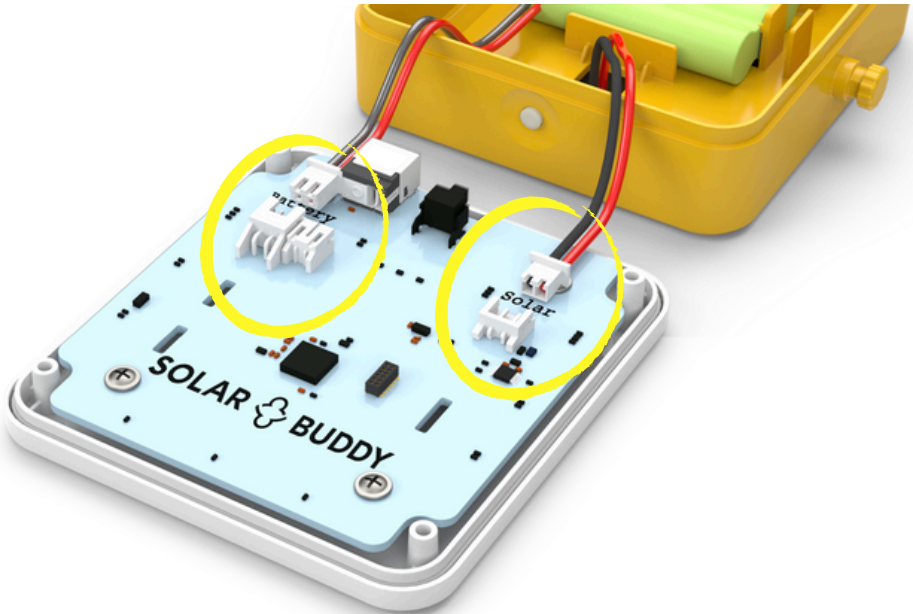
3

Install the switch button.



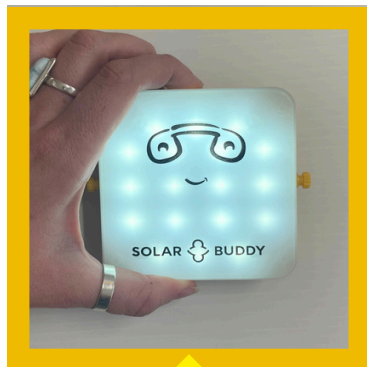
4

Place the wires from the battery and the solar panel into their labelled input.



5

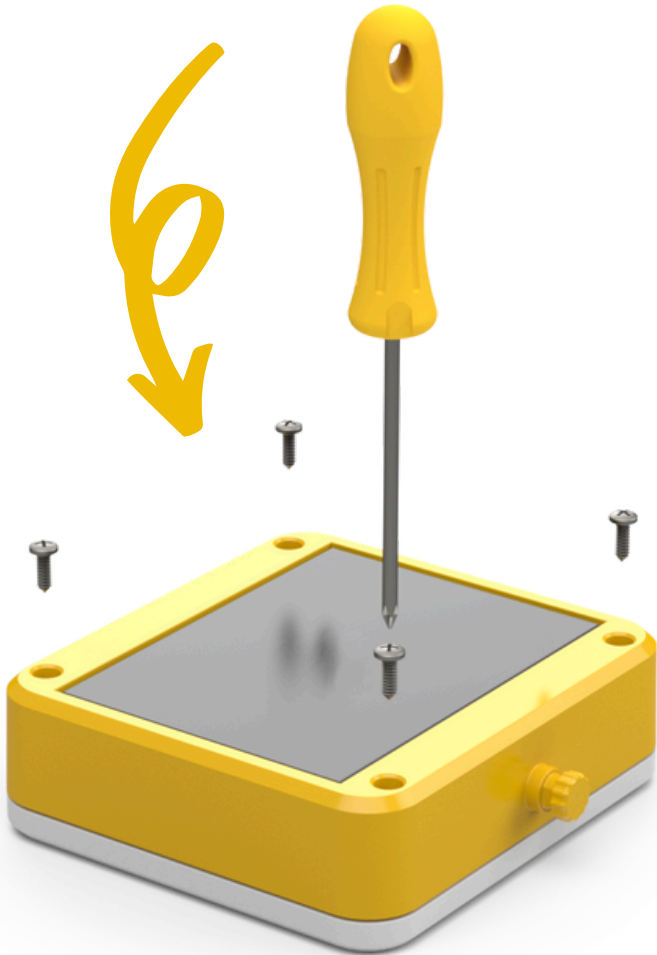
Press the lens and housing together to close the light. Press the button at the top of the light to make sure it's turning on before completing the build.



TOP TIP!
There is a battery saving sensor on the solar panel. Cover the panel with your hand or place the light on the table and press the button to turn it on!

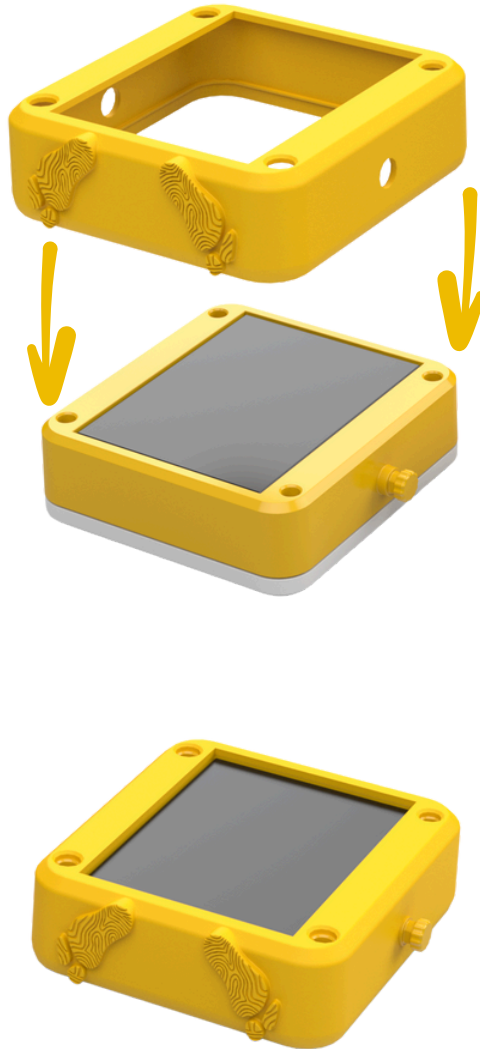
6

Install the long screws to secure the lens to the housing.



7

Wrap the light with the rubber bumper ensuring the button is on the top, and the feet are at the bottom.



8

Line up the middle hole on the handle with the brackets on the side of the light. When both sides are hooked into the ridge, slide the brackets to the end so the light stands up.

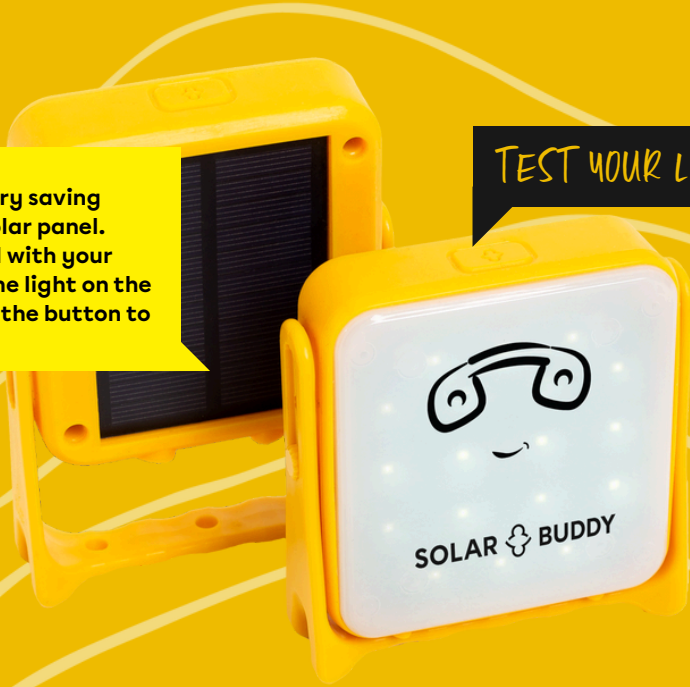


COMPLETE

TOP TIP!

There is a battery saving sensor on the solar panel. Cover the panel with your hand or place the light on the table and press the button to turn it on!

TEST YOUR LIGHT NOW!



CONGRATULATIONS!

You've completed the JuniorBuddy Program!
Share your builds with us **#solarbuddy**



@solarbuddy_global



@solarbuddy.org



@solarbuddyglobal



@SolarBuddy



LetterBuddy Program

Because words have power

You are already transforming lives with light, and now you can send a letter of encouragement to a child who will receive this gift.

Words have power and this is a wonderful way for you to convey a message that otherwise may never be heard.

Your letter will be treasured and reread many times, as this is often the most formal communication the children have ever seen.



Ready to connect directly with your buddy?

Letter writing guide:

- Use pen instead of pencil to avoid smudging
- Write clearly and use simple language so that English learners are encouraged to understand your message
- Include some unique details about yourself like what sport or hobbies you enjoy, or how many family members or pets you have. Leave out personal details such as your address, surname, phone number or social media details
- Write at least half a page as students who receive one sentence may feel left out
- Be creative! You are welcome to include colourful designs and drawings but please don't include inappropriate images
- Please refrain from religious references as we can't know whether the person receiving your letter is a part of a particular faith
- Be positive! Your perception of their difficulties might be different to theirs
- Have fun! The light you have built will have a lasting positive impact

Letter example:

My name is Grace and I am so happy to be able to gift you this light! I am excited to see what you achieve by using this light!

I live in a city called Brisbane in Australia. I like playing football after getting back from school. I have a little pet dog who is four years old. I play games with her all the time. I built this light for you with my classmates because I want you to be able to study at night, just like I do.

When I grow up, I want to be a doctor. I hope you achieve everything you want!

Lots of Love, Grace.

What kind of message would you like to receive?

Think about who is receiving your letter and how special this piece of paper is to these children!



Product Features + Technical Specifications

2 Light Settings

High Mode: 145 Lumen

Battery Life: 8 Hours

Low Mode: 70 Lumen

Battery Life: 18 Hours

Built in PolyCrystalline Solar Panel

9-12 Hours for full Solar Charge

Humanised design

Intentionally humanised to make it more accessible to children unfamiliar with solar technology



Durable Plastic Casing

IP54 Waterproof rated

Sun Exposure Protection

Multi Purpose Handle

Handle with multiple settings so the light can be hung from the ceiling, used for focused study, as a lamp to light up a room or held for safety walking at night

- ✓ 750mAh 3.6V NiMH Battery
- ✓ Battery Charging Indicator
- ✓ Battery Level Indicator
- ✓ Low Battery Auto Shutdown
- ✓ Overcharge and Over-Discharge Protection



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