

Keep this sheet.
Collect them all!



Explore your world with this Science-to-Go backpack



Books in this backpack

- **Blackout**
by John Rocco
- **Daylight Starlight Wildlife**
by Wendell Minor
- **The Night World**
by Mordicai Gerstein
- **Stellaluna**
by Janell Cannon
- **What Makes Day and Night?**
by Franklyn Branley

Idea!

Darkness isn't the only difference at night. Open a window and listen to the changing sounds.

More books
at your
library

Everyone Sleeps. Marcellus Hall. E HALL
Owlet's First Flight. Mitra Modarressi. E MODARRE
Somewhere in the World Right Now. Stacey Schuett. E SCHUETT
Spots of Light: A Book About Stars. Dana Meachen Rau. E523.8 RAU
Touch the Brightest Star. Christie Matheson. E MATHESO

Local Connection

There are important jobs that get done at night. Talk with your child about all the people who work at night in your town: firefighters, security guards, nurses and custodians.

ACTIVITY

Capture the Sun

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The sun provides light during the day, but at night we have to depend on electricity or technology for light to see. In this activity we'll use glow-in-the-dark paint to capture a little bit of the sun to use in the dark.

What you need:

- Glow-in-the-dark paint (Find one that says “luminescent.” We need it to store the sunlight, not just reflect UV light.)
- Paper cup
- Paint brush

Try this:

1. Set out a generous amount of paint. (Combining colors of glow-in-the-dark paint will make them less bright.)
2. Use the paintbrush to paint the whole inside of the cup (thick is good).
3. Put the cup outside in direct sunlight for at least two hours. If it is cloudy or rainy, you can use a bright lamp. (Just make sure your child knows that it is standing in for the sun.)
4. The energy from the sun will be stored in the paint. Put a lid on your cup and go into a dark room. Take the lid off and see the sunlight that you captured!

Rhyme

Patterns

Big yellow moon
shines so bright
Glides across the
starry night.
Looks down at me
asleep in bed.
Whispers, “Good night,
sleepyhead.”
Big yellow moon,
your turn is done.
Here comes
Mr. Morning Sun.
I wake up.
You go to bed.
“Sleep well, Moon,
you sleepyhead.”

Field Notebook

If you have extra glow-in-the-dark paint, have your child use it in a picture of something that glows at your house at night, and paste it in the notebook.