

LIGHTS OUT: ACTIVITIES FOR EDUCATORS & READERS

ABOUT THE BOOK

Lights Out

by Marsha Diane Arnold

Illustrated by Susan Reagan

Published by The Creative Company

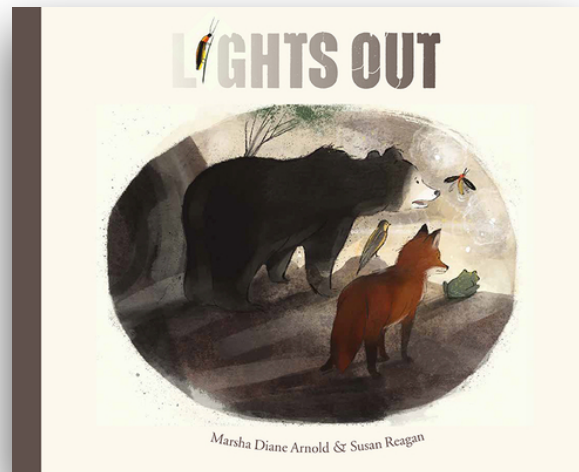
ISBN-13: 9781568463407

Age Range: 6-10 Years

In a world marred by light pollution, this quest for true darkness is a clarion call to turn out the lights—so that all may see.

“The closing spreads with the dark sky and natural, nocturnal lights are enchanting. Stars twinkle, and the moon glows, as Mother Nature would have it....An author’s note kicks off the book, noting how little we hear about light pollution. Illuminating.”

—*Kirkus Reviews*



ABOUT THE ACTIVITIES

Lights Out readers who have followed the animals’ quest to find the Dark of Night may also want to embark on their own quest to decrease the Earth’s light pollution. In this series of STEAM activities, readers will be able to actively engage in research, astronomy, math, art, languages arts, and social action.

View & Download: <https://bit.ly/LOActivities>

THOSE ACTIVITIES INCLUDE THESE TOOLS:

LIGHTS OUT: RESEARCH CARDS (STEM)

This activity provides readers with six Research Cards to explore the effect of light pollution on the animals featured in the book and on humans. There is a brief paragraph to get readers started and a place for their own questions and research. Are they curious about other animals? The activity also provides a blank Research Card to record those explorations.

View & Download: <https://bit.ly/LOResearch>

LIGHTS OUT TO SEE EVERYTHING (CONSTELLATIONS)

Light pollution has greatly diminished our relationship with the night sky. This astronomy activity provides links to explore the night sky, introduces the most recognized constellations, and includes templates to map *Ursa Minor* and *Canis Major* using images of the book’s characters.

View & Download: <https://bit.ly/LOMajorMinor>

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PAINTING DARKNESS (ART & SCIENCE)

To highlight how nature has its own ways to light up the darkness, this activity provides links to study *bioluminescence* and *tapetum lucidum* and shares a wax resist art project.

View & Download: <https://bit.ly/LOArt>

CALLING FOR LIGHTS OUT (SOCIAL ACTION & SCIENCE)

Taking everything they have learned, readers can call for “lights out” in their home or community. This activity includes a light pollution letter ready to sign and send, an action guide, and blank templates to create their own versions of both.

View & Download: <https://bit.ly/LOSocialAction>

SHEDDING LIGHT ON LIGHTS OUT (ENGLISH LANGUAGE ARTS)

Author Marsha Diane Arnold offers opportunities for readers to explore the book’s structure, write haiku, create and send a persuasive letter, and write up their observations of nature.

View & Download: <https://bit.ly/LOELA>

LIGHTS OUT IN MANY VOICES (READERS’ THEATER)

Author Marsha Diane Arnold wants many voices raised against light pollution. With this Readers’ Theater Script, readers can join a multi-voice read aloud.

View & Download: <https://bit.ly/LOReaders>

ABOUT THE BOOK & ACTIVITY CREATORS

These activities were a collaboration between Curious City and author Marsha Diane Arnold. Charles Fulco, an Education Consultant to International Dark-Sky Association, and the staff of the International Dark-Sky Association reviewed these activities.

Explore:

MarshaDianeArnold.com for more of her acclaimed books.

[Susan Reagan](#) for the beautiful art she creates for books.

CuriousCityDPW.com for more free classroom activities, programming guides, and lessons for home learning.

[Charles Fulco](#) for engaging science experiences for educators of all backgrounds.

DarkSky.org for discovering how to reduce light pollution and engage with dark skies.

