

DECEMBER 2021 • UNIT 2

GRADE 1 SCIENCE

SPACE SYSTEMS



Your child will also explore their shadows, and how shadows change throughout the day. They will use what they learned about the patterns of the universe to make predictions about what shadows would look like at different times during the day.

Did you know...

One of the oldest astronomical observatories in history is located right on George Street in New Brunswick? [Click here](#) to learn more about the Daniel S. Schanck Observatory at Rutgers University.

The Reason for the Seasons

LOOKING FOR PATTERNS IN OUR DAILY LIVES

In this unit, your child will explore patterns that are part of their daily lives, such as sunrise and sunset, and the changing of the seasons. They will also research and conduct observations of the sun, moon, and the stars, and answer questions such as "where do the stars go during the day?"





Shoot for the Moon!

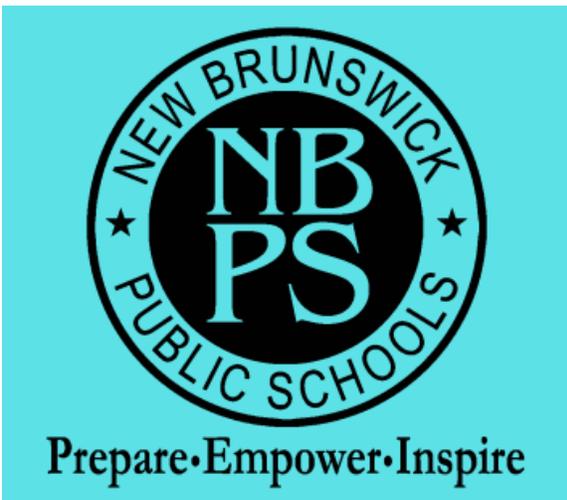
EXPLORING MOON PHASES

In this unit, your child will also learn about the phases of the moon. They will observe how the appearance of the moon changes throughout each month, and explore the cause of these changes.

Take some time to look up at the moon as a family... What do you notice and wonder about the moon?

Fun Fact!

The moon has a big impact on the world around us! [Click here to learn more about how the lunar cycle affects life on Earth.](#)



Readers' Corner

Here are some book suggestions to learn more about patterns in our daily lives, including phases of the moon, seasons, and more!

[The Reason for the Seasons](#) by Gail Gibbons/ [El libro de las estaciones](#) by Alice y Martin Provensen

[The Moon Book](#) by Gail Gibbons/ [La luna en un mes](#) by Tracy Nelson Maurer

[Discover Shadows](#) by Pamela Hall/ [Mi Sombra y Yo](#) by Buffy Silverman

[Good Day, Good Night](#) by Margaret Wise Brown/ [Buen día, buenas noches](#) by Margaret Wise Brown