

Beyond the Book Activity

How Chipmunk Got His Stripes

by Joseph Bruchac and James Bruchac

Once you have read the book, it is time to move outside. Take a few minutes to prepare for the outdoors and remember, the more comfortable you are the more success you will have on this endeavor. Follow the guide below to an adventure beyond the book!

Engage: Cycles in Nature	Extend: The Other Half
<p>Like the sun rising every day, there are lots of patterns in nature that are very dependable. These patterns are called cycles. Cycles can happen over a day (like the sun rising and setting), a month (like the moon growing full), or a year (like the seasons changing). Some cycles happen over many years!</p> <p>Let's go outside and learn about some of these cycles.</p> <p>We can learn a lot about the world around us by taking a moment each day to make observations.</p> <p>Bear learned that the sun is going to rise every day, but have you noticed whether the sun rises at the same time all year?</p> <p>Look up what time the sun rises and sets today in your part of the world. Fill those times in on the chart below.</p> <p>Sunrise and Sunset Calculator: visit this link to find the exact time of sunrise and sunset where you live https://www.timeanddate.com/sun/</p>	<p>The United States is located in what is called the Northern Hemisphere – which means the northern half of the planet Earth.</p> <p>Since our planet is shaped like a ball, when we are having the long days and short nights of summer in the Northern Hemisphere, the other half of the world – the Southern Hemisphere – is having the opposite: short days and long nights - WINTER!</p> <p>If you lived in a country in the Southern Hemisphere, your seasons chart would be reversed. Take a moment to imagine your summer vacation taking place in December and January. Christmas would fall in the middle of summer!</p> <p>» In the Southern Hemisphere, which month would have the shortest day of the year?</p>
Explore: Seasons of the Year	Resources
<p>Over a year, the time the sun rises and sets changes. This means that at certain times of the year the days are longer or shorter. On the chart below, the yellow area shows how many hours it is light each month. The black area shows how long the nights are in each month.</p> <p>When the days are longer, the sun is up longer, and the weather is usually warmer. So the length of the days and nights is related to our seasons.</p> <p>» Can you label the seasons on your chart?</p>	<p>Day and Night Map: This link shows a map of where in the world it is light, dark and sunrise/sunset right at THIS MOMENT: https://www.timeanddate.com/worldclock/sunearth.html</p> <p>Story Time Read Along Books:</p> <p>And Then It's Spring by Julie Fogliano https://www.youtube.com/watch?v=0l59Gbd3q90</p> <p>Sadie and the Snowman by Allan Morgan and Brenda Clark https://www.youtube.com/watch?v=6lWTmSF_Ak4</p> <p>Sophie's Squash by Pat Zietlow Miller https://www.youtube.com/watch?v=i956du1TR6s</p>

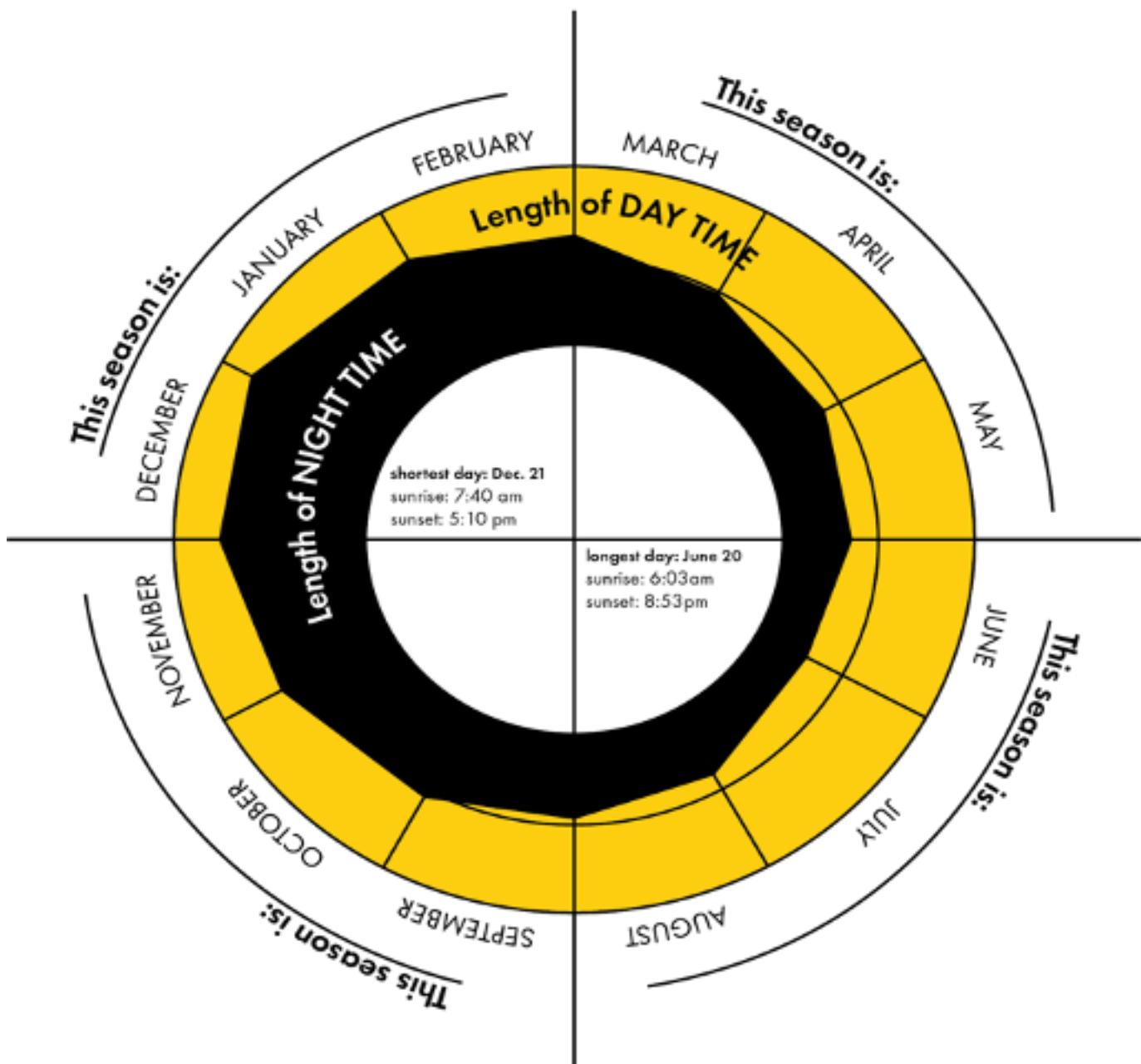


beyond the classroom

Today's date is: _____

Today's sunrise was at: _____ am

Today's sunset is at: _____ pm



June Harless Center



experience
LEARNING
beyond the classroom