

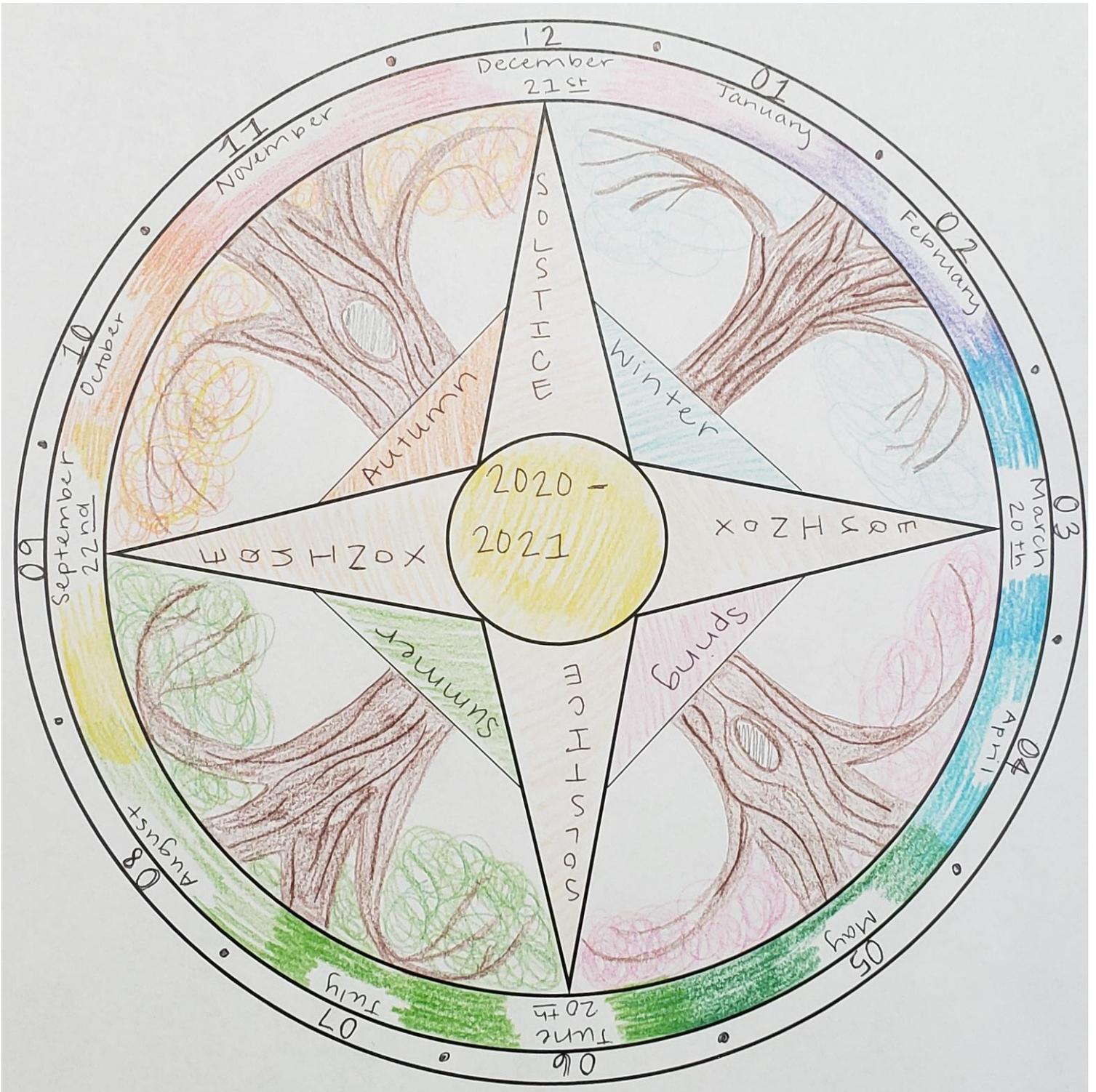
## Phenology Wheel

### Materials:

- Phenology Wheel Template PDF
- Pen
- Coloring utensils

### Directions:

1. Print off the Phenology Wheel Template PDF.
2. In the outer ring, write the numbers 01-12, evenly spaced around the entire ring.
  - a. Have the 3<sup>rd</sup>, 6<sup>th</sup>, 9<sup>th</sup>, and 12<sup>th</sup> month align with the four points of the star.
3. In the next ring, write the corresponding month under each number. (01-January, 02-February, 03-March, etc.)
  - a. Leave room under the months of December, March, June, and September. You will be writing the dates of the solstices and equinoxes.
    - i. Winter Solstice 2020: December 21<sup>st</sup>
    - ii. Spring Equinox 2021: March 20<sup>th</sup>
    - iii. Summer Solstice 2021: June 20<sup>th</sup>
    - iv. Autumn Equinox 2020: September 22<sup>nd</sup>
4. In the large triangles under the months of December and June write Solstice.
5. In the large triangles under the months of March and September write Equinox.
6. In the small upside-down triangle between December and March write winter. In the one between March and June write spring. In the one between June and September write summer. In the last remaining one between September and December write autumn.
7. In the center circle write 2020-2021.
8. In each corresponding season, draw a scene that reflects nature at that time and what it looks like outside. You can have it show the colors, plant life, animal life, what the sky looks like, etc.
9. If you want, color and decorate the outside rings that include the numbers and the months.
  - a. I have attached my final Phenology Wheel so you can get a better idea of what I have described!



**Bring your phenology wheel with you to the Wilbur D. May Arboretum and Botanical Garden throughout the different seasons for inspiration while coloring it in!**