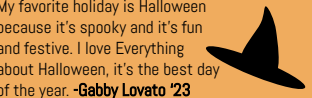


Fall is in the Air

What's Your Favorite Holiday?

My favorite holiday is Halloween because it's spooky and it's fun and festive. I love Everything about Halloween, it's the best day of the year. -**Gabby Lovato '23**



I like Christmas because I like spending time with my family and receiving gifts is very fun. I also like going around my neighborhood and seeing all the Christmas lights. -**London Thompson '25**



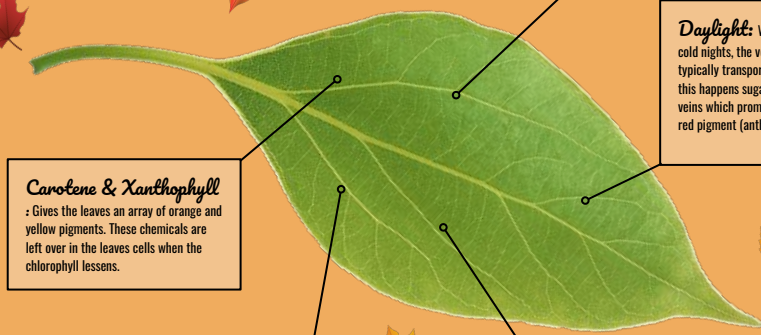
My two favorite holidays are Thanksgiving and Christmas. Thanksgiving I love because there just isn't a lot of pressure in terms of gifts and things like that. And I love every single Thanksgiving dish that has ever been made the cranberries and everything. -**Mrs. Schissel**



I like halloween the most because I just like the pumpkins, I like the season. I like the changing colors, and I love it getting colder cause I hate hot weather. -**Mrs. Puppe**



Christmas is probably my favorite holiday because I like opening presents around my family and making cookies. And I like Christmas trees and warm smelly cookies. -**Lennox '24**



Chlorophyll: Responsible for the green pigment

Daylight: With less sunlight, and cold nights, the veins in the leaf which typically transport fluid begin to clog. As this happens sugars get trapped in the veins which promotes the making of the red pigment (anthocyanin).

Carotene & Xanthophyll
: Gives the leaves an array of orange and yellow pigments. These chemicals are left over in the leaves cells when the chlorophyll lessens.

Anthocyanin: responsible for the red pigment, is always present in the leaf but is only visible once the chlorophyll breaks down. This compound also gives things like apples, cranberries, blueberries, plums, etc. their signature color.

Weather: The best most colorful falls have observed to follow a warm spring, good weather throughout the summer, and large influxes in temperature from day to night during the fall.

Search For the Objects!



Climate Change & Fall

With the onset of climate change the fall we love is becoming later each year. Countless studies have shown the differences from year to year, and it's becoming almost undeniable at this point. As you may have learned, the sugars are not getting trapped in the leaf without the cold nights, and without the sugar, the red pigments fail to produce.



"Most studies show that it's happening later and later, but the verdict is still out as to how far and how fast that will go," Said Andy, Finton a forest ecologist with the Nature Conservancy in Massachusetts.



Hansen Lake, Presque Isle, Maine
October 2 (+/- day)