

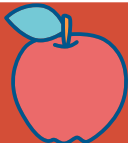
Stories Abound

Upcoming events, ideas and activities for families to do at home from the Monticello Public Library



Upcoming Events

- September 1- First Day of School
- September 6- Labor Day (Library Closed)
- September 8- International Literacy Day
- September 16: Crafters Unite Event: (T-Shirt Book Bags)
- September 19- Talk Like a Pirate Day
- September 21- First Day of Autumn
- September 22- Hobbit Day
- October 1- Monticello No School
- October 1- Blind Taste Testing Event



School Readiness Tip:

Many kids are sleep-deprived, falling short of the 8.5+ hours of zzzs that their growing bodies need. If your child is nodding off over their homework assignments, try moving bedtime up by an hour for one week to see if that helps. If your child's schedule is booked each afternoon and evening — with everything from clubs to sports to volunteering or a part-time job — it might be time to rethink all those extra activities. Children need some time to unwind at the end of the day!



Did You Know?

School buses have been around since 1915 (as long as the automobile), but the official color of bright yellow wasn't adopted until 1939!



News You Can Use

- Thanks for all of the participation in our summer reading and summer STEM programs! We are happy that so many of you joined in. We did our grand prize drawing for the Nintendo Switch, which went to Nora J. Congratulations Nora!
- Don't forget to check out <https://www.prek-12resources.com/> for a variety of free resources for all ages and interests. They are perfect for a cool and rainy day!
- Our upcoming activity kits that will be featured in the library entryway will be Back to School (8/29), Apples (9/6), Sunflowers (9/13), Autumn (9/20), and Woodland Animals (9/27). Supplies are limited, so stop in to get yours before they are gone!
- September begins our new Crafters Unite series, where we make various types of crafts every third Thursday of the month. On September 16th, we will be making T-shirt book bags.
- Limited spots are available for our Watercolor Class in October. This three part class by local artist Kathleen D'Angelo, will teach the basics of watercolor painting with all supplies included. See our website or call the library for more information. (This series is recommended for more mature students.)
- On October 1, we will have our blind taste testing event for all ages. Contact the library or see our website for more information.



Try It At Home:

Why Do Leaves Change Color in the Fall?

You Will Need:

Leaves!
Jars with lids (or plastic wrap will work if you don't have lids)
Rubbing Alcohol
Butter knife (or other item that can "mash leaves")
Large bowl or dish that fits the jars
Hot water
Coffee filters
Plates
Scissors



DIRECTIONS

Time needed: 2 hours and 30 minutes.

1. Collect leaves. (Start by heading outside and collecting leaves. You want to gather 4 to 6 leaves of each type. Try and get leaves that are at different stages of turning color for the best results.)
2. Set out one jar for each type of leaf you collected. Into each jar start ripping up one type of leaf. You want to tear the leaves up nice and small. Really tear it up!
3. Add just enough rubbing alcohol to cover the leaves, then using a knife or other utensil mash up the leaves into the alcohol even more. You should start to see the rubbing alcohol turning a bit green.
4. Set the jars in a large dish or bowls. Add hot water to the bowl or dish and cover the jars with lids or plastic wrap.
5. Now let them sit for approximately one hour. Give the jars a little swish every once in a while to help release the chlorophyll. (Your alcohol should be turning a nice green. You can also refresh the hot water if it cools too much.)
6. Cut a coffee filter into quarters and place on a plate. Using a teaspoon or dropper add a couple of drops of the liquid to the tip of the filter.
7. Wait (Wait approximately 30 min to one hour to see how the colors move up the filter paper and separate. Pretty cool!)
8. Wait longer (What happens if you leave it in the solution even longer? Maybe overnight? The colors will become more bold and larger, making the colors easier to see!)

What is happening?

Chlorophyll gives leaves their green color and is so dominant that it hides the other colors in the leaves during the spring and summer. But in the fall, chlorophyll in the leaves breaks down, finally allowing it's other natural colors to have their moment in the sun!

