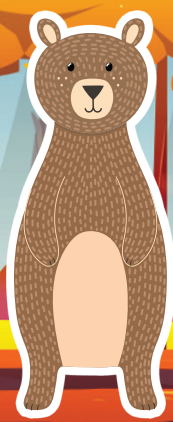


# The Columbian for kids!



Head over to [www.columbian.com/kids-edition](http://www.columbian.com/kids-edition) to check out previous Kids pages, and watch for The Columbian for Kids special section coming November 2.

## Fall Into Play

Discover a world of possibility

Discover unique toys, fun family events, and the magic of creativity this fall at Kazoodles Toys in East Vancouver!



### Event schedule

**Family Game Night**  
Wednesdays 5-7 pm  
Come learn some of the season's hottest games with us!  
Ages 8+

**Toddler Activities**  
Thursdays 11-1  
**Toddler Train Day.**  
Come experience our extensive train set up.

**After School Activities**  
Monday and Wednesday  
1-4 pm  
Spend your after school hours at our Creator Station. Cost-\$10.

## A Colorful Leaf

As fall approaches, you might notice that the leaves will start to turn different colors. You'll be seeing more reds, yellows, oranges, and browns. Have you ever wondered how they change colors? Well, there are three main reasons why they do: leaf pigments, the length of night, and weather.

Leaf pigments are what give leaves their colors. There are three types of leaf pigments that make leaves different colors in the fall. Chlorophyll gives leaves a green color. This type of pigment helps a plant use the sunlight to get food. Anthocyanin is more of a red color, similar to a strawberry or red apple. Last is carotenoids, which give the leaves a yellow, orange, and brown color. Since the nights become longer in the fall, there is less sunlight and the weather becomes cooler at night. That means that a leaf isn't producing enough chlorophyll to give it the green color, so the leaves stop making it. When this happens, the other pigments become more visible, which is why you see the colors on the leaves changing. Eventually, the leaf separates and falls off the branch.

So now that you know how leaves change their colors, you are probably wondering why. Well in the winter, it gets extremely cold and if the leaves don't fall off the trees, they would just freeze. So, the trees have to get rid of the leaves so that they can grow new ones in the spring.



### FILL IN THE CROSSWORD PUZZLE

## Forest Animals



**Q: WHY DID THE LEAF FALL FROM THE DOGWOOD TREE?**

**A: THEY WERE AFRAID OF THE BARK.**



### ADD SOME COLOR!



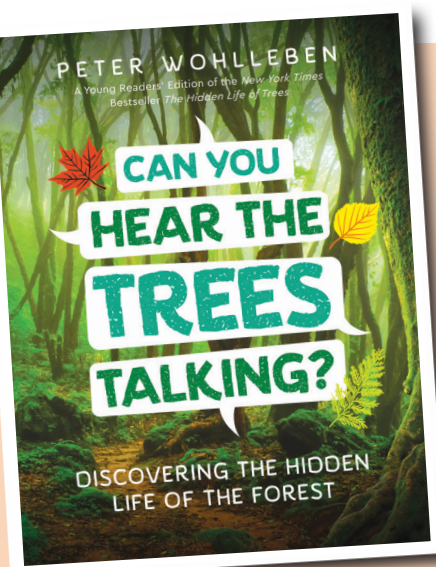
## SEPTEMBER BOOK REVIEW

### *Can You Hear the Trees Talking?* by Peter Wohlleben

In *Can You Hear the Trees Talking?*, Peter Wohlleben does an amazing job explaining how trees relate to humans. He takes something that everyone can relate to, such as being afraid and how they eat, and compares it to a tree. The book is broken down into chapters and then addresses different questions, like "how do trees breathe?" and "do trees sleep at night?" There are real photos on every page that explain and show what the page is talking about, so readers can get a better understanding of what they are reading. Throughout the book, there are quiz questions that readers can answer

as well as things to try and look for related to trees. The book is a very engaging non-fiction read for kids who are curious about the world around them, love science, or enjoy spending time outside.

Book review by Ashlyn Madani



## BOGO COOKIES!



## BOGO COOKIES!

Buy one of our House Cookies and get a second one FREE!

Available at Our Express Window Only  
Tue – Sat, 8 - 2 and Sun, 8 - 1  
2411 Main St

Expires: 10/14/24 and limit one coupon per person.