

# Shelf LIFE

October | 2019

*We grow smarter communities, one person at a time.*

## 1,000 Books Before Kindergarten Launched

*“The more that you read, the more things you will know. The more that you learn, the more places you’ll go.”*

– Dr. Seuss, *I Can Read With My Eyes Shut!*

**B**eginning Tuesday, the Metro Library launched a [1000 Books Before Kindergarten program](#), encouraging parents to read 1000 books to their child before Kindergarten. To sign up, parents can go to their local library, create

a Beanstack account or use a paper reading log.

After reading 500 books, the child will earn a certificate and a Reading Buddy stuffed animal. After reading 1000 books, the child will earn a certificate and a book bag for their parent or caregiver. Stickers will also be rewarded for each 100-book milestone and digital badges will be awarded for each 50-book milestone.

According to studies at Ohio State University, “Kids who hear more vocabulary words are going to be



better prepared to see those words in print when they enter school.” Studies also show that as many as one in five children experience difficulties learning to read. By participating in the 1000 Books Before Kindergarten program parents can help their child develop confidence in their reading skills, improve their vocabulary and give them a love of reading.

Parents can sign their child up for the program anytime. 1000 Books Before Kindergarten is an ongoing program and they have until they reach kindergarten to complete their reading goal.

Child's Age when 1,000 Books Before Kindergarten Starts	Number of Books to Read Per Day to Complete 1,000 Books Before Kindergarten	Number of Books to Read Per Week to Complete 1,000 Books Before Kindergarten
0 Years Old	1	4
1 Year Old	1	5
2 Years Old	1	7
3 Years Old	2	10
4 Years Old	3	20

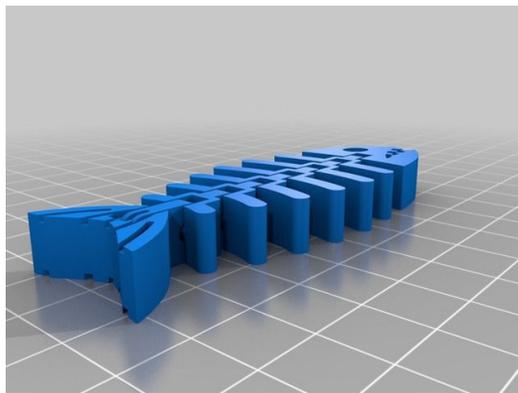
# 3D Printing @ MLS Studios



We are getting closer to the opening of the new Bethany Library, which includes our first ever makerspace (MLS Studios). MLS Studios will include two 3D printers and a variety of other tech for customers to get to makin'.

The IT department has had the opportunity to work with the 3D printer to get it ready for the new MLS Studios, including the creation of an enclosure for the printer that was printed using the 3D printer. One part of the enclosure took about 9 hours to print. Watch a time lapse video of the print on [YouTube](#).

Using modeling software, users can create a design or blueprint for the object they want to print. The MLS Studios printer uses plastic filament on a spool that feeds into the printer like a string. When the printer receives the data it pulls the plastic string through a tube, melts it and deposits it on a plate where it cools. The object is created in layers, so layer by layer a creative masterpiece takes shape. Other kinds of 3D printers have allowed manufactures to create things like car parts or allowed scientists to use human cells to create something as complex as a human nose or ear.



MLS Studios will primarily use CURA, an open source software that breaks down a 3D model into a 3D printable file, a process called splicing a file. The computer turns

a 3D model into a gcode file, which is basically a bunch of code that tells the printer where to move, how hot to get, how much filament to use, etc. It acts as a blueprint for printing. However before it goes to CURA for splicing, users will create a design in [Tinkercad](#) or use an already created design from [Thingiverse](#).

There are a variety of learning resources users can utilize before diving in to 3D printing. Some resources include the "Learning to use MakerBot 3D Printers" course in [EduBrite](#), and YouTube videos discussing [slicing files in CURA](#) and [3D printing basics](#). Some good pages to follow on YouTube for the latest in 3D printing are [Teaching Tech](#) and [Make Anything](#).

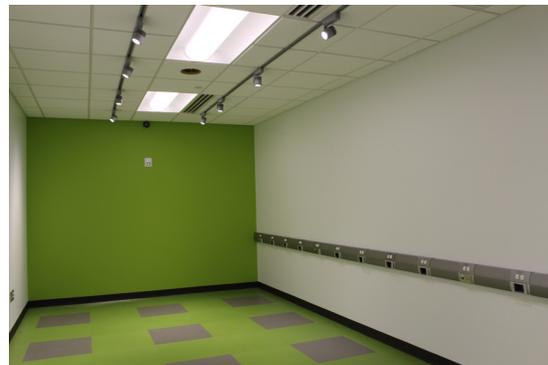
IT and Bethany staff have done some test runs on the 3D printer to get it set up. One small but complex piece they printed was a [flexible fish fossil](#). The tiny plastic fish prints in one piece (requires



no assembly), but it is flexible, and moves like a real fish would move. It almost has a chain link type design for the body.

Other technologies available in MLS Studios will include access to video and sound production tools such as a microphone, several camera/phone mounts, professional lighting, iPads, and a wall painted green for a green screen effect. The makerspace will also have one Mac and one PC equipped with Adobe software for creating videos, creating and manipulating photos, editing music/sound and more. Computer reservation for these computers will be separate from the rest of the library's computers.

In addition, the maker space will have puzzle games that will



teach customers how to solve complex problems along with showing them how computers work. Customers will also

have access to Cubelets, modular cubes that can snap together to create robots and other robotic machines. All Bethany engagement staff have been trained on using makerspace equipment and someone will be present to assist customers in the makerspace at all times.



# Online Resources Goes Live

In October, Brainfuse online resources will go live! This new online resource has a variety of useful resources for any age library customer looking to get homework help, access study tools and practice tests, select a college or career path, get resume or interview help and more.

Here are just a few of the cool features available with BrainFuse:

## \*Live Tutoring

From kindergarten to adult learning, Brainfuse offers live tutoring in each core subject area. When a user enters an online live tutoring session, they will be taken to the virtual whiteboard where they can doodle their ideas and concepts to discuss with the tutor, type message back and forth with their tutor and upload documents to share with their tutor. After a session is complete it is saved to the user's account, so they are able to access the information for future study.

## \*The Writing Lab

Any grade level student can submit their writing for review by an expert. Writing is reviewed within 24 hours and feedback is available in the message center.

## \*Virtual Study Sessions

By using the "Meet" option in HelpNow, users can schedule a virtual study session with their friends and use the virtual whiteboard to exchange messages, share documents and more.

## \*Lifelong Learning Opportunities

The Adult Learning Center gives users access to High School Equivalency (GED) prep, US Citizenship test prep and Microsoft Office courses.

## \*eParachute

Inspired by the best-selling career book, *What Color is Your Parachute?*, eParachute gives users access to the parachute test to help them better understand their strengths and potential career paths.

## \*JobNow

Users can access expert resume help, career coaching and interview help on JobsNow. Resume help includes live

help, templates, resources to help users flesh out their resume and a resume lab where users can submit their resume and receive feedback. Interview help includes live coaching sessions, tips and a list of curated online resources. The Career section includes coaching, assessments, skills building courses, videos and more.

## \*VetNow

VetNow has the same features as JobNow but they are carefully tailored to veterans. It also includes veterans' resources to help veterans better understand their benefits. Users can also send in questions for help navigating the VA system.

To create an account, simply go to "Login" and select "Sign Up". Here users will create a username and password for their account.

\***Want to learn more?** Check out the Brainfuse training in [EduBrite](#) by going to the course catalog and searching for "Brainfuse".



# Fall Kids Reads

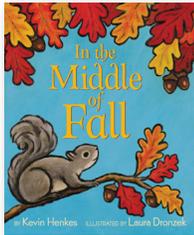
*Titles Selected by Kristin Williamson*

## **In the Middle of Fall**

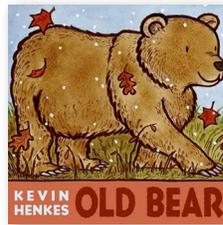
by Kevin Henkes

Reading Grade Level:  
Pre-kindergarten - 2<sup>nd</sup>  
Grade

This beautifully illustrated picture book is a perfect introduction to the fall season. With beautiful illustrations it takes you on a journey through all things fall including an apple orchard and pumpkin patch. It also shows the reader the signs of the coming winter.



each season until finally the bear awakens and he is met with flowering trees and tulips. This book shows the cyclical nature of the seasons and features big, bold illustrations.

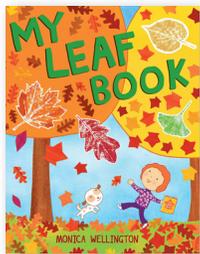
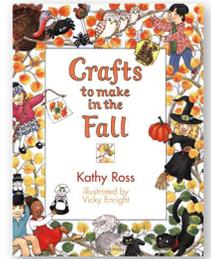


It also discusses both Halloween and Thanksgiving. It is a good book to answer questions about the changing season.

## **Crafts to Make in the Fall**

by Kathy Ross  
Reading Grade Level:  
2 - 3

This title features 29 craft projects with autumn themes, including a school bus picture frame, a fall tree lapel pin, a soft sculpture pumpkin, a leaf-print banner, and a tree puppet that changes color. Two projects can also be used for Jewish holidays. This is a creative book that will be used by children, especially those with a natural flair for crafts.



## **My Leaf Book**

by Monica Wellington  
Reading Grade Level:  
Pre-kindergarten - 2

A young girl narrates her walk through an arboretum collecting leaves to create a leaf book. In her leaf book she identifies each tree and records information about the tree next to her leaf. A great book for inspiring early readers to explore nature and create their own leaf book.



## **It's Fall**

by Linda Glaser  
Reading Grade Level:  
2 - 4

Readers join the main character as he sees, touches, smells and hears in fall. The story also touches on changes in nature such as shortened days, crisper air and bare trees. This title features cut paper art and rhyming.

Readers join the main character as he sees, touches, smells



## **Bella's Fall Coat**

by Lynn Plourde  
Reading Grade Level:  
Pre-kindergarten - 1

Bella does not want to give up her favorite coat that her grandmother made for her, even though it is getting too small. She goes outside and enjoys the fall weather, playing and diving into a pile of leaves. Her grandmother makes her a new coat and she loves it. She uses her old coat to decorate a snowgirl.

## **Fall Leaves: Colorful and Crunchy**

by Martha Rustad  
Reading Grade Level: 1 - 2

In this fun fall title, the author discusses the life cycle of leaves, the changes animals go through in the fall and how things grow in the fall. This title features activities at the conclusion of each section and colorful illustrations.

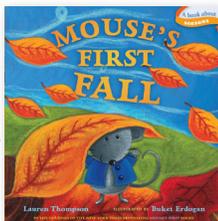


## **Mouse's First Fall**

by Lauren Thompson

Reading Grade Level:  
Pre-kindergarten - 12

Mouse and his big sister Minka discover falling leaves and they begin playing on the windy autumn day, pointing out the leaves different shapes and running through them. The large-scale illustrations make this a great title to read to a group.



## **Old Bear**

by Kevin Henkes  
Reading Grade Level: Pre-kindergarten - Kindergarten

The Old Bear is asleep in his den dreaming of the seasons as a cub. The author visits Old Bear's dreams as he goes through

## **Awesome Autumn**

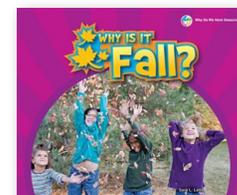
by Bruce Goldstone  
Reading Grade Level: Pre-kindergarten - 3



This book includes a variety of information about fall including what grows in the fall, migration patterns, what to wear and other interesting facts.

## **Why is it Fall?**

by Sara Latta  
Reading Grade Level: 1 - 2

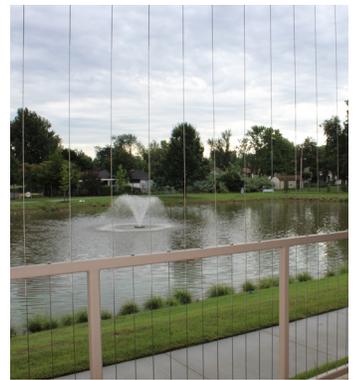
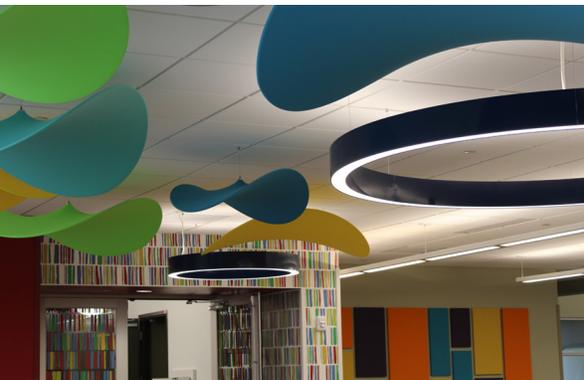


This title is part of a set about each season. It explains the changes in nature during the fall such as animal behaviors, photosynthesis and the earth's rotation and tilt. There are experiments for the readers to try at the end. Glossaries and diagrams are also included to help explain weightier concepts.

# New Bethany Library to Open in November

*The Bethany library is making progress!*

The library is set to open in mid-November. Check out some of the progress.



## HELLO!

**Joseph Caputo**

*CL Access Specialist II*

**Katherine Cornwell**

*DN Access Specialist I*

**Stephanie Easterling**

*DN Access Specialist I*

**Jared Ezell**

*BI Access Specialist I*

**Scott Garrison**

*CL Adult Librarian I*

**Rukayah Khediri**

*BI Access Specialist I*

**Steve Li**

*VI Access Specialist I*

**Timothy Miller**

*SO Youth Engagement Specialist II*

**Tiffany Ortiz**

*ED Access Specialist I*

**Samantha Rouse**

*ED Access Specialist I*

**Tyler Gosdin**

*NW Access Specialist I*

**Lindsay Foutch**

*WA Access Specialist I*

**Jennifer Britton**

*ED Access Manager I*

**Jennifer England-Burnside**

*NW Adult Librarian I*

**Jordan Grimm**

*MC Access Specialist I*

**Talitha Mason**

*NW Access Specialist I*

**Dennis McCullough**

*Director of Facilities Maintenance*

**Qadira Muhammad**

*SO Access Specialist I*

## CONGRATULATIONS!

**Rebecca Mitchell**

*VI Access Specialist I to VI Access Specialist II*

**Jana Seymour**

*DN Access Specialist I to DN Adult Engagement Specialist II*

## GOODBYE

**Haley Wayman**

*1 month, AL Access Specialist I*

**Cristina McNeil**

*5 months, BI Access Specialist I*

**Terra Birdsall**

*4 years, MC Access Specialist I*

**Sharon Riley**

*3 months, L&D Learning and Development Coordinator*

**Tammy Appleby**

*3 years, Outreach Program Specialist*

## DIY Development

### Adult Volunteer Basics (OPT)

Participants will understand the processes necessary to engage and supervise adult volunteers and ensure a positive experience for customers, volunteers and staff. Participants will discuss why we utilize volunteers and what value they add to our libraries, as well as what tasks are appropriate for volunteers. \*Seek supervisor approval to enroll\*

Four workshops to choose from starting October 23, 19! Enrollment with supervisor approval through [EduBrite!](#)

## COMING UP

**October 14**

Columbus Day, All Libraries closed for staff to attend mandatory Staff Development Day training

**October 17**

Commission Meeting at Southern Oaks Library

**October 24**

Staff Association Meeting at Ralph Ellison

**November 14**

Staff Association Meeting at Northwest Library

**November 21**

Commission Meeting at Bethany Library

**November 27**

Libraries close at 6pm for Thanksgiving Holiday

**November 28**

Libraries closed for Thanksgiving Holiday

**November 29**

Libraries closed for Thanksgiving Holiday