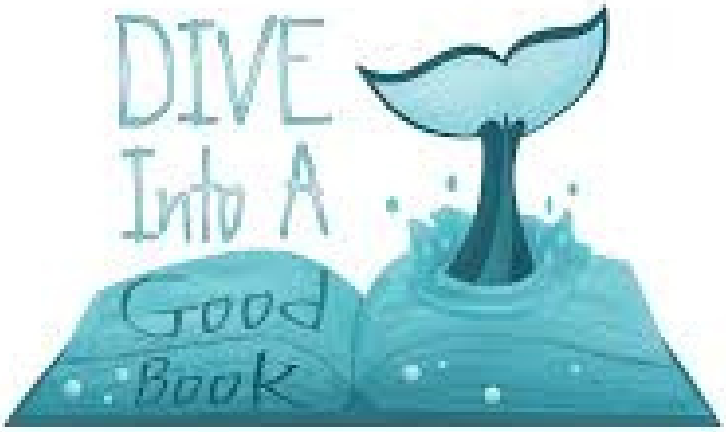
MONTICELLO PUBLIC LIBRARY // VOLUME 292 // JULY 2022

THE NEWSLETTER



UPCOMING EVENTS

-July 4th- **Closed for Independence Day**
-July 7th- Wreck of the Silver Lake
-July 8th-10th- Monticello Homecoming
-July 9th- STEAM in the park **(library will be closed for the day)**
-July 21st- Wreck of the Edmund Fitzgerald
-July 22nd- Mind Over Matter Series
-July 27th- Hula Hoop Creation from Hoop Elation

ACTIVITY KITS

These kits are available throughout the month in our entryway! Each week features a different theme. Supplies are limited, so hurry in to get yours.

This month's themes:
July4th- Ships/Shipwrecks
July 11th- Pirates
July 18th- Mermaids
July 25th- Hula Hoops

LIBRARY NEWS

-We have had great turnouts so far for our summer events! We want to thank you so much for coming out and joining us. We are looking forward to seeing you again soon.
-We will continue to have our weekly STEAM program outside the library (weather permitting) every Wednesday from 1pm-3pm. Each week will have a different themed project that will go with our themed activity kits in the library entryway.
-The library will be closed on Monday July 4th for Independence Day and on Saturday July 9th for Homecoming. We will be hosting a STEAM tent in the park that day from 11-3!
-The Wisconsin Water Library will join us on July 7th at 1pm for a fun and interactive presentation on the Wreck of the Silver Lake. This is meant for ages 5 and up, but all are welcome to attend.
-On Thursday July 21, we will have Professor Steve Ackerman from the University of Wisconsin for a special presentation about the Wreck of the Edmund Fitzgerald. We will be looking at the storm, the ship and the song and learn about it's fateful voyage.
-On Wednesday July 27th at 1:00 pm, we will have Danielle from Madison Circus Space coming to give a demonstration on hula hoop making. Not only will she help make our own hoops, but she will give us some great tips on how to use them!

FICTION

- Every Cloak Rolled in Blood
- Nightwork
- Secrets
- Clive Cussler's Dark Vector
- The Last Mile
- Sparring Partners
- Boardwalk Bookshop
- Face to Die For
- Hotel Nantucket
- Trouble With the Cursed

NON-FICTION

- Happy Go Lucky

AUDIOBOOKS

- Hotel Nantucket
- Nightwork
- Legacy

CDS

- Higher
- Harry's House

DVDS

- Abraham Lincoln
- Kin Season 1
- Lucifer Season 5
- Agatha Raisin Series 4
- Father Stu
- Morbius
- Ray Donovan the Movie
- The Contractor

YOUTH

- The Queen of Kindergarten
- Little Houses
- Llama Llama Back to School
- Pig Makes Art
- Who Was the Greatest Muhammad Ali?
- Phoebe and Her Unicorn 15
- Captain Cat Goes to Mars
- A Kitten in Gooseberry Park

512 E Lake Ave. Monticello, WI 53570
monticellopubliclibrary.org
608-938-4011

Hours of Business
Monday-Friday 10-7pm
Saturday 10-2pm

TRY IT AT HOME

Build and Maneuver a Submarine

OBJECTIVE: Students learn the basic of principle of buoyancy and how submarines use it to dive and ascend in water.

MATERIALS:

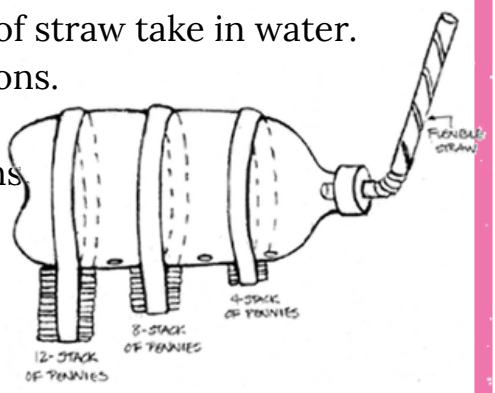
- Build a Submarine activity sheet

empty 16 or 20 oz. plastic soda bottle with hole in cap (the hole should be big enough to pass a flexible straw through)

- three wide rubber bands
- 24 pennies
- aluminum foil
- adhesive tape
- flexible straw
- large tub of water

PROCEDURE:

1. Cut three holes in side of the soda bottle.
2. Stack the pennies into three piles containing 4, 8, and 12 pennies.
3. Carefully wrap stacks of pennies with foil.
4. Place a rubber band around the plastic bottle and slide it next to the closest hole. Position the other rubber bands next to the two remaining holes.
5. Place the four-penny stack under the rubber band closest to the bottle's top.
6. Place the eight-penny stack under the middle rubber band, next to the middle hole.
7. Place the 12-penny stack under the last rubber band (NOTE: The weights should be next to the holes NOT over them.)
8. Push the shorter end of the straw (about 1 inch) through the hole in the bottle's cap. Reattach the bottle cap to the bottle. Keep the flex section outside and bent upwards. Tape straw securely into place in bottle cap.
9. Lower the "submarine" into the water. Do not let long end of straw take in water.
10. Observe the action of the "sub" and record your observations.
11. When the sub stops sinking, blow into the straw.
12. Observe the action of the sub and record your observations



QUESTIONS:

1. What makes your submarine sink?
2. What makes it surface?
3. You learned the basic properties that make submersibles dive and surface. What is your model missing that U.S. Navy submarines have to navigate underwater? Think of your sub as an underwater plane.

512 E Lake Ave. Monticello, WI 53570
monticellopubliclibrary.org
608-938-4011

Hours of Business
Monday-Friday 10-7pm
Saturday 10-2pm