Mission Monday Activities

Let’s Go Fishing!!

INDOOR

Cardboard Rod Magnet fishing!

Not everyone may have the chance to go fishing, but we have a way you can set up fishing anywhere!

Grab an adult to help you make your rod and reel and set up your fishing!

Supplies:

- paper towel tube
- toilet paper tube
- ribbon/twine/yard (cut 3 to 3.5 times the length of the paper towel tube)
- magnet
- paper clips
- 13/4 in paper punch or scissors
- Paint (optional)
- Paper, plastic toys (something to fish for)

Creating your rod and reel

Prep:

- Pinch the paper towel tube in half toward the end. Center the hole punch or trace the toilet paper roll and cut out the circle.
- On the toilet paper roll use a pencil or small object to punch a hole in the center
- Paint, if you want

Assemble:

- Poke one end of yarn through the small hole in the toilet paper roll. Tie a knot on the string to keep the line on the inside of the toilet paper roll.
- Pull the other end of the string through one of the punched holes in the paper towel tube and pull it out on the far end.
- Tie a magnet to the end dangling from the top of the paper towel roll
- Ready to fish! Reel and unreel by turning the toilet paper roll!
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Fishing:

- When you have your rod and reel ready to go, you will need to make some fish and set up your fishing area! Cut out fish from paper and attach paper clips with tape/glue/or poking them through the paper
  *(To make fish for the water you can use; plastic fish/toys, or fish cut from foam)*

OUTDOOR

Let's Go Ice Fishing!

Ice fishing in summer!? Where!? Look no further than your back yard!

Grab an adult and put your sunscreen on, we are going ice fishing! There is little to no prep needed for this activity as long as you have ice cubes on hand.

Supplies:

- Ice cubes
- Bucket of Water
- Salt
- String or twine

Steps for Successful Ice Fishing

Fill a bucket with water about halfway. Dump enough ice cubes to cover most of the surface of the water.

*Use the string to fish for the ice cubes. Any bites?*

Lay your string over the ice cubes while still holding onto one end. Now sprinkle some salt over your sting, wait 30-60 seconds, then pull your string out of the bucket. You should have some “ice fish” on the end of your line!

*What changed from your first attempt to this attempt?*

*How did the ice stick to your string?
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Consider:

- The length of time the string sits on the ice can make a difference, experiment with different time increments.
- The amount of salt used can affect the melting point of the ice cubes. Too much salt and the ice will melt too fast!
- How many seconds is the perfect amount of time for the string to set on the ice before you pick it up?

What is happening?

Adding salt to ice will lower the melting point. Salt causes a physical change by altering the properties and temperature of the ice cubes. However, if the surrounding temperature is still freezing, the ice will refreeze and freeze the string along with it!

- Take a picture, post to social media #MissionMondays, and tag Wonders of Wildlife!

What Can You Do?

**Project Save, the Fish**

Today one of the greatest threats to our oceans is plastics:

1. Up to 13m tons of plastic leaks into the world’s oceans each year, unfortunately, ingested by sea birds, fish, and other organisms, and if we don’t do anything about it, research indicates by 2050 the ocean will contain more plastic by weight than fish.
2. A million plastic bottles are bought around the world every minute, and the number will jump another 20% by 2021
3. Fewer than half of the bottles bought in 2016 were recycled, and just 7% of those were turned into new bottles. Instead, most of these bottles end up in landfills or the ocean.
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Our friends at Te Ara, The Cook Islands Museum of Cultural Enterprise, have created a plastics awareness project that upcycles plastic bottles to artwork called “Forgotten Promises.”

From small beginnings come great things. We've taken a plastic bottle from our sea and created an object of beauty. A fish (ika) made of plastic. A parallel, a paradox of what we are facing. A message and action of change.

![Plastic bottles upcycled into fish](image)

To make others aware, we have launched this campaign to help us turn discarded plastic bottles into messages of hope by up-cycling creating awareness, and removing plastic bottles from landfills and the ocean.

A demonstration video of ‘How to upcycle a plastic bottle into a fish.’
VIDEO FILE: [https://vimeo.com/248669715](https://vimeo.com/248669715)