



Minds in Motion

Activity Rundown:

It is time to show our appreciation for all the moms out there! Mother's day is approaching and the birds are nesting! That makes it the perfect time of year to spend some time together as a family and build a DIY bird feeder for your yard. Once you have completed building your bird feeder, sit back, and enjoy all the amazing birds that come to visit your mom and loved ones on this special day!



You will need:

- Plastic milk/juice jug with cap
- Scissors or craft knife
- Wooden dowel
- String
- Painters Tape
- Glue Gun
- Hot Glue
- Paper plates
- Mini cups
- Water
- Bird seed (appropriate for outdoor birds)

Optional materials for decoration:

- Twigs, bark
- Small Stones
- Shells



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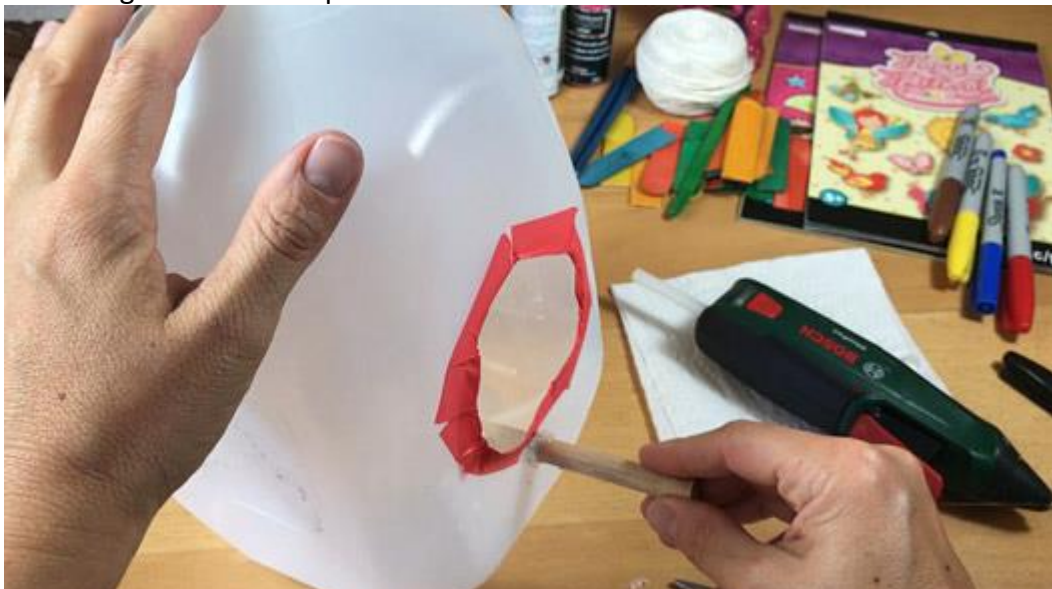
- ☐ Feathers, leaves

Let's do it!

- 1) Start by gathering all the materials.
- 2) Using the scissors or craft knife, cut a hole into two of the flat sides of the jug, this hole should be located about three centimeters from the bottom and be 8 cm in diameter.



- 3) Using the painters tape cover the sharp edges of the plastic, this is done so the birds do not injure themselves when using the feeder.
- 4) Cut a small hole just below the each opening and slide a dowel (or branch or pencil) into it. Then hot glue around the dowels on both sides so they are firmly attached to the feeder gives the bird a place to rest while it eats.





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- 5) Glue one or more small cups just inside the opening off to the side, these will hold water for the birds.



- 6) Place the paper or plastic plate into the bottom of the feeder, this will hold the bird seed. You can also use reusable small class cups and bowls for easy refilling.
- 7) Now poke two tiny holes on opposite sides of the jugs cap, feed the string or thin rope through the holes a couple of times and tie it off, creating a strong loop, this will act as a handle or can be used to hang your feeder from a tree branch or hook.



- 8) Now you can use your decorating materials to spice up the appearance of the bird feeder and make it look amazing!
- 9) Fill the plate with birdseed and the cups with water! Remember to add more food and change out the water regularly.



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10) Now it's time to place your feeder in your yard on a table or hang it from a tree! It may take several days for birds to get used to the sight of your feeder and begin to use it. Once they start to, sit back and try to spot as many species as you can!



Some birds you might spot in or near Calgary are:

- Townsend's Solitaire





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- Hairy Woodpecker



- Harris's Sparrow



- Robins





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And Many more check out this [link](#) for an extensive list of birds that call our city home!

Resources:

- <https://www.sciencebuddies.org/stem-activities/build-bird-feeder?from=Blog#summary>
- <https://birdscalgary.com/birdyyc2020/>

Reach out!

We would love to hear from you about all the amazing STEM projects you are doing at home! Show us your finished products on any of the following social media platforms by tagging us or by using the following hashtags. We hope these projects have brought some excitement to your day during these difficult times.

Let us know how we did! Please [click here](#) to fill out a short survey on how well we did and what you would like to see more of in the future. Thank you!

Twitter: **@MyMindsInMotion**
Facebook: **@mindsinmotion2014 & @ucactiveliving**
Instagram: **@ucalgaryactive**

Please use the following hashtags!
#ucalgarycamps #ucalgarytogether

We hope you enjoyed our STEM Mother's Day activity! Everyone at Minds in Motion would like to wish you and those closest to you a happy Mother's Day!