

## THE CHALLENGE:



Spring has arrived and we will be noticing more and more birds coming into our back yards.

Your challenge is to create a bird feeder with items from around your home.

~Create, Test, Improve.

~STEAM TEAM

## Learning Activities

### Language Arts:

Draw and label what your bird feeder looks like.



Observation helps us learn new things. Keep a journal of new things you have noticed. What kinds of birds visit your feeder? What time of day is the feeder busy? Does the temperature affect your feeder?

### Numeracy:

How many birds visit your bird feeder?

Keep a tally of number of visits.



### Science/Social Studies:

When you visit your new bird feeder:

What do you see?

What do you hear?

What do you smell?

What does your bird feeder feel like? (smooth, bumpy...)

### The Arts:

Learn how to draw a robin:  
Click [HERE](#)



# Trivia

Name the bird in the challenge picture?

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### Language Arts:

Bird feeders come in all shapes and sizes which are targeted for different types of birds.



Explain why you think your bird feeder is better than others you have seen on the market. List three persuasive reasons.

### Numeracy:

If your bird feeder was able to hold 3 lbs.(pounds) of bird seed, how much bird seed would you need if you made 4 bird feeders?



Make an array to show your thinking.

### Science/Social Studies:

Did you know over 5000 different bird species migrate in the Spring and Fall months? How do they know it's time to go? Since they don't have a GPS, do they go to the same place?

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### The Arts:

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# Trivia

What is New Brunswick's provincial bird?

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### Language Arts:

You're on Air! Write a script for a commercial to sell your bird feeder. Don't forget you need to be persuasive and excited about your product.

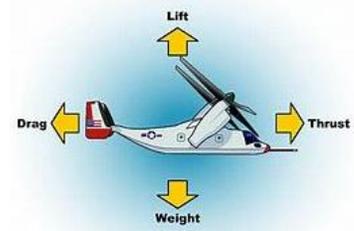
Record your video and share it on your class page or with us on Twitter @stemnorth.

### Numeracy:

I bought 4 bags of sunflower seed mix for cardinals and chickadees that cost \$7.95 a bag. I also bought 5 bags of dried fruit mix for woodpeckers that cost \$5.98 a bag.

**ABOUT** how much did I spend?

### Science/Social Studies:



How does a bird's anatomy use the four forces for flight?

Click [HERE](#)

### The Arts:

Make an origami blue jay. Click [HERE](#)



What birds do not migrate from New Brunswick?