

# ELINOR WONDERS WHY

EP 121 Feed The Birds  
By Katherine Sandford

**Elinor's Question:** How do birds find food in the winter?

**Logline:** Elinor and her friends build a birdfeeder for her friend Chicky the chickadee by using things they find in the house.

## Curriculum Goals:

**LS3.** Understand that all animals need food in order to live and grow, that they get their food from plants or from other animals: (Elinor will observe the birds foraging for food)

**ND3.** (RTL Crosscutting concept 'Structure and Function'): Understand that structures and materials in the natural world can be used or can inspire the engineering of structures with similar function in the designed world. (Elinor designs a birdfeeder that looks and functions like the tree where she observed the Chickadee was storing her seeds.)

**SEP3.** Planning and carrying out investigations

d. plan and conduct simple investigations using simple tools (binoculars, notebook)

e. Design and build a solution to a simple problem (engineering) (Elinor and her friends design birdfeeders so the birds will have access to more winter food.)

**SEP4.** Analyzing and interpreting data

c. Record observations to describe patterns and/or relationships in the natural and designed world(s) (Elinor and her friends will observe the birds foraging for food and make the connection to birdfeeders)

in order to answer scientific questions and solve problems.

d. Talk about and reflect on what happened during an investigation or when solving a problem, and why it might have happened (Elinor and her friends observe the different ways birds find food in the winter, and decide to help solve the problem by building bird feeders)

**ET1.** Begin to understand that asking questions, making observations, and gathering information are helpful in thinking about problems, and that it is important to clearly understand the problem b. Define a simple problem that can be solved through the design of a new or improved tool or technology (Elinor and her friends define the problem of winter food sources for birds and (partially) solve it by making bird feeders.)

**ET2.** Begin to understand that people depend on various technologies in their lives and that human life would be very different without technology: a. Begin to use a variety of technologies (high-tech and low-tech) for a variety of purposes including to make observations, conduct investigations, and solve problems related to scientific

investigations and engineering design b. Use a variety of low-tech tools including writing, drawing and painting utensils, scissors, magnifiers, binoculars (Elinor and her friends use binoculars and notepads to observe the birds, and scissors, paint, string, and recycled craft supplies to make bird feeders.)

(A NOTE ABOUT CHICKADEE SOUNDS: The distinctive "chick-a-dee-dee-dee" call is actually a distress call, but it is so recognizable that I think we should use it. The Chickadee SONG (as opposed to the call) sounds more like "Fee-Bee" or "Sweet-ie" and is also very familiar.

Chickadee call: <https://www.youtube.com/watch?v=d8oW5DqPGCA>

Chickadee song: <https://www.youtube.com/watch?v=P2UJzLb6Zek>

Liner Count: 112

Main Characters: Elinor, Ranger Rabbit, Olive, Ari

Settings: Elinor's house and back yard

Props: robins, sparrows, chickadee, berries, Canada geese, sunflower seeds, binoculars, Olive's notebook, crab-apples, bug, sunflower head, crafting supplies including paper towel roll, milk carton paper plates, string and paint.

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**1. EXT. ELINOR'S HOUSE - LATE AFTERNOON**

It's a late fall day (no snow yet) and ELINOR is hopping around in her back yard. Suddenly she notices as the first few snowflakes of winter start falling.

\*

1 ELINOR 1  
<GASP!> It's starting to snow!

A few flakes fall around her, and she <GIGGLES> as one of them lands on her nose. At that moment a spectacular "V" of Canada geese flies overhead <SFX: HONKING> as they make their way south. Elinor looks up.

\*

\*

\*

2 ELINOR (CONT'D) 2  
It's some geese flying south for  
the winter.  
(waving)  
Goodbye, geese! See you next  
spring!

\*

\*

\*

Then she hears a distinctive <SFX: CHICK-A-DEE-DEE-DEE CALL> Elinor hops in excitement!

3 ELINOR (CONT'D) 3  
<GASP!> I know who that is!

\*

We hear the call again <SFX: CHICK-A-DEE-DEE-DEE CALL>

Just then a tiny but super-friendly CHICKADEE flutters OS and lands in a nearby tree.

4 ELINOR (CONT'D) 4  
Chicky! I'm so glad to see you!  
You're my favorite chickadee bird  
friend.

\*

Chicky calls in a friendly way <SFX: FEE-BEE, FEE-BEE>.

5 ELINOR (CONT'D) 5  
You sound happy.  
(she imitates the call)  
Fee-bee, fee-bee.

Chicky flutters over and picks a red berry from a small low-lying bush nearby.

6 ELINOR (CONT'D) 6  
Ooh, that berry looks yummy.

\*

Chicky flies off with her berry in her beak.

7 ELINOR (CONT'D) 7  
Goodbye, Chicky!

Elinor turns to look away, but a beat later Chicky returns to pick up a second berry. \*

8 ELINOR (CONT'D) 8  
Oh, you're back? Another berry?  
Chicky, you must be hungry.

Chicky flies off. At that moment Ranger Rabbit calls from the house.

9 RANGER RABBIT 9  
(calling)  
Elinor! Time to come in!

10 ELINOR 10  
(calling)  
Coming Mom! Bye Chicky!

Elinor hops off.

2. INT. ELINOR'S BEDROOM - LATER

It's dark outside and we can see through the window that it has started snowing harder. RANGER RABBIT is helping Elinor get ready for bed.

11 ELINOR 11  
Guess what, Mom. I saw Chicky  
today.

12 RANGER RABBIT 12  
Oh, your chickadee bird friend?  
How is she?

13                                ELINOR                                13  
She's great but...  
    (thinking)  
Why is she still here?

14 RANGER RABBIT 14  
What do you mean?

15 ELINOR 15  
Mz. Mole said birds fly south where  
it's warm in winter, because it's  
hard to find food when the snow  
comes.

16 RANGER RABBIT 16  
That's true.

17 ELINOR 17  
So why didn't Chicky fly south like  
the geese I saw today?

18 RANGER RABBIT 18  
Well, not all birds fly somewhere  
warm for the winter, Elinor. Lots  
of birds stay here, not just  
Chicky. The ones that stay are the  
ones who can find food.

Then Ranger Rabbit kisses Elinor on the head.

19 RANGER RABBIT (CONT'D) 19  
Now, have a good sleep, honey  
bunny. I'll see you in the  
morning.

She turns out the light and leaves the room. Elinor lies in  
bed watching the snow.

20 ELINOR 20  
But how is Chicky going to find  
food with all this snow?

### 3. EXT. ELINOR'S HOUSE - THE NEXT MORNING

The yard is completely covered in snow. Elinor (in scarf and  
gloves) bounds outside, doing great bunny hops.

21 ELINOR 21  
Wow! Look at all the snow!

Then she sees a lump in the snow right where Chicky's berry  
bush was and she remembers.

22 ELINOR (CONT'D) 22  
Uh-oh. That's the bush where Chicky  
got the berries. It's covered in  
snow now. \*

Elinor starts looking around for her bird-friend.

23 ELINOR (CONT'D) 23  
Chicky? Where are you? Chicky!

At that moment ARI and OLIVE show up (also in winter gear).  
Ari is munching on some sunflower seeds from a bag.

24 ARI 24  
(mouth full)  
Hey Elinor, (munch, munch) what are  
you doing?

|                                                                                                                             |                                                                                        |    |        |
|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----|--------|
| 25                                                                                                                          | ELINOR                                                                                 | 25 |        |
|                                                                                                                             | Oh, hi Ari, hi Olive. I'm looking<br>for my friend Chicky.<br>(calling)<br>CHICKEEEEE! |    | *      |
| 26                                                                                                                          | OLIVE                                                                                  | 26 |        |
|                                                                                                                             | Oh, you mean the little bird with<br>the pretty black feathers in her<br>head?         |    | *<br>* |
| 27                                                                                                                          | ELINOR                                                                                 | 27 |        |
|                                                                                                                             | Yep, that's her.                                                                       |    |        |
| 28                                                                                                                          | OLIVE                                                                                  | 28 |        |
|                                                                                                                             | I love her. She's sooo friendly.                                                       |    |        |
| 29                                                                                                                          | ARI                                                                                    | 29 |        |
|                                                                                                                             | (munching)<br>But don't birds fly south in the<br>winter?                              |    |        |
| 30                                                                                                                          | ELINOR                                                                                 | 30 |        |
|                                                                                                                             | Not all of them. My Mom said some<br>birds stay here.                                  |    |        |
| Olive is distracted by Ari's <SFX: MUNCH, MUNCH, MUNCH>.                                                                    |                                                                                        |    |        |
| 31                                                                                                                          | OLIVE                                                                                  | 31 |        |
|                                                                                                                             | Ari, what are you eating?                                                              |    |        |
| 32                                                                                                                          | ARI                                                                                    | 32 |        |
|                                                                                                                             | (mouth full munch, munch)<br>Sunflower seeds! Want some?                               |    |        |
| 33                                                                                                                          | ELINOR/OLIVE                                                                           | 33 |        |
|                                                                                                                             | Sure!                                                                                  |    |        |
| Olive, Ari and Elinor munch on the sunflower seeds, (Olive<br>using her trunk to feed herself - <SFX: MUNCH, MUNCH, MUNCH>. |                                                                                        |    |        |
| 34                                                                                                                          | ELINOR                                                                                 | 34 |        |
|                                                                                                                             | I'm a little worried about Chicky.                                                     |    |        |
| 35                                                                                                                          | OLIVE                                                                                  | 35 |        |
|                                                                                                                             | Why?                                                                                   |    |        |
| 36                                                                                                                          | ELINOR                                                                                 | 36 |        |
|                                                                                                                             | Yesterday I saw her picking some<br>berries from that little berry-<br>bush.           |    | *<br>* |

She points to a lump in the snow.

|    |                                                                                                        |    |   |
|----|--------------------------------------------------------------------------------------------------------|----|---|
| 37 | ARI                                                                                                    | 37 |   |
|    | What bush? I don't see any bush.                                                                       |    |   |
|    | Just a lump of sno... oh, I get it.                                                                    |    | * |
| 38 | OLIVE                                                                                                  | 38 |   |
|    | (putting it together)                                                                                  |    |   |
|    | Chicky's berry-bush is covered in snow.                                                                |    |   |
| 39 | ARI                                                                                                    | 39 |   |
|    | Yep. EVERYTHING is covered in snow.                                                                    |    |   |
| 40 | OLIVE                                                                                                  | 40 |   |
|    | Then how is Chicky going to find berries? Or any kind of food?                                         |    | * |
|    |                                                                                                        |    | * |
| 41 | ELINOR                                                                                                 | 41 |   |
|    | My mom said birds that stay here can find food, but I don't see how they can do it with all this snow. |    |   |
| 42 | OLIVE                                                                                                  | 42 |   |
|    | Huh.                                                                                                   |    |   |
| 43 | ELINOR                                                                                                 | 43 |   |
|    | I know! I'll get my binoculars, and we'll see if we can find Chicky. We need more observations!        |    |   |

She hops OS.

#### 4. EXT. FOREST -- DAY

As Elinor hops ahead in the lead, investigating with her binoculars, Olive and Ari spitball.

|    |                                                               |    |  |
|----|---------------------------------------------------------------|----|--|
| 44 | OLIVE                                                         | 44 |  |
|    | Hmmm. So how do birds find food in winter?                    |    |  |
| 45 | ARI                                                           | 45 |  |
|    | Maybe they order pizza.                                       |    |  |
| 46 | OLIVE                                                         | 46 |  |
|    | Mmmm, I don't think birds have phones.                        |    |  |
| 47 | ARI                                                           | 47 |  |
|    | Right, good point.                                            |    |  |
| 48 | OLIVE                                                         | 48 |  |
|    | I know. Maybe they put their food in lunch boxes, like we do. |    |  |

49                                 ARI                                 49  
Maybe. But how would they carry  
them? They don't have hands.

50 OLIVE 50  
You're right. Maybe they have  
backpacks.

51                                ELINOR                                51  
Look! I see something fluttering  
in the trees!

ANGLE ON: A robin, flying through the trees.

52                                 OLIVE                                 52  
I'll make some notes.

Olive takes her notebook from her satchel as they follow the birds.

MONTAGE :

Elinor observes with the binoculars while Olive makes notes and Ari flips around, hovering here and there as he watches.

• BIN POV: (SCIENCE CU) They see three American Robins pecking at leftover crab-apples in a tree covered in snow.

ON KIDS: A crab-apple falls from the tree - Ari catches it!  
Olive smiles and draws a picture of the crab-apple.

• BIN POV: (SCIENCE CU)The Downy Woodpecker pulls out a bug in the tree-trunk and eats it.

ON KIDS: Ari pulls an Ew face. Olive draws a picture of a bug.

• **BIN POV:** Two sparrows have found an old sunflower head that sticks out of the deep snow in Elinor's sleeping garden.

ON KIDS: Olive draws a picture of a sunflower. Ari smiles and munches seeds from his bag.

END MONTAGE

The kids are watching the sparrows on the sunflower head.

53 OLIVE (CONT'D) 53  
Wow. Winter Birds find food in all  
kinds of hidden places. Old apples,  
bugs in trees, sunflowers left over  
from summer.

54                                   ARI                                   54  
                                   (munch, munch)  
                                   Anywhere they can.

55                                   ELINOR                                   55  
                                   That's so interesting! But what  
                                   about Chicky? We still don't know  
                                   where she's getting her food.

Suddenly they hear the distinctive <SFX: CHICK-A-DEE-DEE>.

56                                   ELINOR (CONT'D)                                   56  
                                   That's CHICKY! I know it's her  
                                   because she always goes...  
                                   (imitating)  
                                   Chick-a-dee-dee-dee-dee! C'mon!

# **5. EXT. CHICKY'S TREE - DAY**

They find Chicky pecking at a hole in a tree.

57                                   ARI                                   57  
                                   There she is!

58                                   OLIVE                                   58  
                                   What's she doing?

59                                   ARI                                   59  
                                   I'll take a closer look.

Ari flies up to get a better look and Elinor looks through her binoculars. BIN POV: Ari checks out Chicky's stash.

60                                   ARI (CONT'D)                                   60  
                                   Hey! There are seeds and berries  
                                   inside this tree.                                   \*

Ari lands on the ground.

61                                   ELINOR                                   61  
                                   I'll bet Chicky put them there. I  
                                   saw her flying off with berries in  
                                   her beak yesterday.

62                                   OLIVE                                   62  
                                   Smart Chicky! It's like her own  
                                   little tree lunch box.

63                                   ARI                                   63  
                                   So THAT'S how she gets food during  
                                   the winter.  
                                   (MORE)

ARI (CONT'D)

When she's hungry she just goes to the tree and gets some. B-uuut I noticed there aren't that many seeds in that hole.

64

ELINOR

64

Uh-oh. What if Chicky runs out of food before the end of the winter?

Suddenly Olive has an idea.

65

OLIVE

65

I know! Let's give her some of OUR sunflower seeds...

66

ARI

66

Great idea.

Ari offers the seeds to Olive. Olive takes a few with her trunk and holds them up.

67

OLIVE

67

(very quietly)

Here you go Chicky, some nice seeds for you.

A beat where Chicky lands on a nearby branch and tentatively inches over, then she flutters over and LANDS ON OLIVE'S TRUNK!!

The three kids <SFX: GASP> with excitement as the cute little bird looks at them with one friendly bright eye, then she takes a seed and flutters off!!

68

ARI

68

Whoaaa! Did you see that?

Olive starts jumping up and down with excitement.

69

OLIVE

69

(thrilled)

She landed on me! She landed on me! I can't believe Chicky landed on me!!

70

ELINOR

70

Let's go tell my Mom!

## 6. INT. KITCHEN - DAY

Back at home, the excited kids are in mid-story as they tell Ranger Rabbit what they've observed.

71 ELINOR 71  
...and then we saw birds looking  
for food in all kinds of cool  
places, Mom.

|    |                           |    |
|----|---------------------------|----|
| 72 | ARI                       | 72 |
|    | Like bugs inside trees... |    |

73 OLIVE 73  
And leftover apples...

74 RANGER RABBIT 74

Yep, it's tricky but birds who stay here in winter find food anywhere they can - that's called foraging; when you look in all kinds of places. Like when Chicky foraged for sunflower seeds on Olive's trunk!

The kids <SFX: GIGGLE>

|    |                                   |    |   |
|----|-----------------------------------|----|---|
| 75 | ELINOR                            | 75 |   |
|    | Wait a minute, I know how we can  |    | * |
|    | help Chicky. Let's build bird-    |    | * |
|    | feeders so Chicky and other birds |    | * |
|    | can get extra food in winter.     |    |   |

76                   ARI                   76  
But what will we make them out of?

The kids think for a beat. \*

77 OLIVE 77

I know, let's "forage" around the house and look for things we can use to make bird-feeders.

\*

\*

78 RANGER RABBIT 78  
That's a fabulous plan - forage  
away, kids!

QUICK MONTAGE OF MATERIAL FORAGING:

The kids look around the house in drawers, cupboards and the blue recycle bin.

79 ELINOR, OLIVE, ARI 79  
(singing)  
ALL: Let's feed the birds  
Let's feed the birds  
Winter is snowy so  
Let's feed the birds

( MORE )

ELINOR, OLIVE, ARI (CONT'D)

OLIVE: Chicky needs a birdfeeder

ARI: We'll build her something  
great

ELINOR: From things we find around  
the house...

\*

Olive finds string in a drawer. Elinor takes the last paper towel off the roll, revealing the cardboard tube underneath - perfect! Ari finds paper plates in a cupboard

OLIVE- (spoken) Some string

ELINOR - (spoken) A tube

ARI - (spoken) A paper plate!

\*

The kids gather around the kitchen table where Ranger Rabbit has laid out tape, paint, kid-friendly scissors and other craft supplies.

ELINOR: We'll build Chicky a  
birdfeeder

ARI: And when our work is through

OLIVE: She'll have lots of food to  
eat

ELINOR: And all her friends will  
too!

Let's feed the birds

Let's feed the birds

Winter is snowy so

Let's feed the birds

END MONTAGE

## 7. INT. KITCHEN - DAY

Gathered around the table, the kids put the finishing touches on the birdhouses they built with the things they found.

\*

\*

80

OLIVE

80

Finished!

She holds up her creation. Olive has painted a milk carton to look like a house. It has an open door at the bottom with a perch - you can see the seeds inside. There's also a tiny book placed on the top.

81

ELINOR

81

You made a milk carton into a  
birdfeeder house - that's so smart,  
Olive!

82

OLIVE

82

This isn't just a house, look...

She picks up the tiny book on top of the house. ANGLE ON:  
The book has tiny pictures of bird food - apples, seeds  
insects.

[illegible]

84 OLIVE 84  
That way the birds will have  
something to read while they have a  
snack!

Elinor and Ari <SFX: GIGGLE>. Then Ari holds up two paper plates held together with string.

85

ARI

85

I made a flying saucer bird feeder  
from two paper plates. The top  
plate is the roof, and the bottom  
plate is for the seeds...  
(He flies it around making  
flying saucer noises)  
Boop-beep-boop.  
(alien voice)  
Take us to your birdseed.

86 OLIVE 86  
(laughing)  
Let's see your birdfeeder, Elinor.

Elinor decorated a paper towel roll to look like a tree trunk with a little hole in the side (near the bottom, which is blocked) and a small perch.

OLIVE (CONT'D)

87                      It looks just like Chicky's tree!                      87

88 ELINOR 88  
Yep. I made it out of a paper-towel  
roll. You just pour the food in the  
top and it comes out this hole on  
the side.

```

89                                ARI                                89
                                Cool! There sure are lots of
                                different ways to make a
                                birdfeeder.

```

90 OLIVE 90  
Now we just have to fill them up  
with food. Ari? Can we have some  
of your sunflower seeds please?

|     |                                                     |     |   |
|-----|-----------------------------------------------------|-----|---|
| 91  | ARI                                                 | 91  |   |
|     | Sure!                                               |     |   |
|     | (he checks the bag)                                 |     |   |
|     | Uh oh. We ate them all.                             |     | * |
| 92  | OLIVE                                               | 92  |   |
|     | Oh no! Now what are we going to do?                 |     | * |
|     | Ranger Rabbit overhears and chuckles.               |     |   |
| 93  | RANGER RABBIT                                       | 93  |   |
|     | Hmmm, sunflower seeds, eh.                          |     |   |
|     | She goes to the cupboard and takes out a bag.       |     |   |
| 94  | ELINOR                                              | 94  |   |
|     | Mom! You have a secret hiding place!                |     |   |
| 95  | OLIVE                                               | 95  |   |
|     | Just like Chicky.                                   |     |   |
|     | The kids <GIGGLE>.                                  |     | * |
| 96  | ELINOR                                              | 96  |   |
|     | Thanks, Mom. What else do birds like to eat, Olive? |     |   |
|     | Olive checks her notes.                             |     |   |
| 97  | OLIVE                                               | 97  |   |
|     | Uhhh, apples.                                       |     |   |
| 98  | RANGER RABBIT                                       | 98  |   |
|     | I have apples right here. I'll cut up some slices.  |     |   |
| 99  | OLIVE                                               | 99  |   |
|     | And bugs!                                           |     |   |
| 100 | RANGER RABBIT                                       | 100 |   |
|     | Sorry, kids. No bugs in my kitchen.                 |     | * |
|     | The kids <SFX: LAUGH>                               |     |   |

**8. EXT. ELINOR'S HOUSE - DAY**

Ari is standing on a branch (having already flown up), hanging the last birdfeeder.

|     |                 |     |  |
|-----|-----------------|-----|--|
| 101 | ARI             | 101 |  |
|     | There we are... |     |  |

102 OLIVE 102  
Perfect. Nice work Ari. Now all we  
need is...

Chicky flies OS giving her friendly <SFX: FEE-BEE CALL>

103 ELINOR 103  
It's Chicky!! Hello Chicky!  
(imitating Chicky)  
Fee-Bee, Fee-Bee!

Chicky settles on Elinor's bird-feeder and takes a peck.

104 OLIVE 104  
Look! She's using the birdfeeder  
you made, Elinor!

At that moment some other birds (the sparrows, the robins,  
the woodpecker) all arrive and land on the bird-feeders too!  
The kids admire their handiwork, happy to see the birds  
enjoying their feast.

105 ELINOR 105  
And so are all her bird friends!

106 ARI 106  
Eat all the food you want, birdies!

107 OLIVE 107  
We made these special bird-feeders  
for you from stuff we foraged  
around the house.

108 ARI 108  
(proud)  
Uh-huh. That's right, we foraged. \*  
(a beat as he watches)  
Wow, watching those birds makes me \*  
huuuungry.

His stomach growls a little. \*

109 OLIVE 109  
Maybe we should build an Ari-feeder  
next!

All three kids <SFX: LAUGH> as we...

FADE OUT.

**SEGMENT 2.**

\*

Open on Senor Tapir, with his guitar, standing next to a barn in Animal Town. A group of kids (REUSE FROM "The Science of Staying Warm") including ELINOR, ARI and OLIVE (all in winter gear), finish building a snowman and stick a carrot nose in its face. There is snow on the ground and everyone wears winter coats and hats. A CHICKADEE flies in and lands on the snowman's nose.

|     |                                     |     |   |
|-----|-------------------------------------|-----|---|
| 110 | ELINOR                              | 110 | * |
|     | Senor Tapir, how do chickadees keep |     | * |
|     | warm in the winter? They don't      |     | * |
|     | have winter coats or fur like us.   |     | * |

|     |                                    |     |   |
|-----|------------------------------------|-----|---|
| 111 | SENOR TAPIR                        | 111 | * |
|     | You know what, Elinor, a scientist |     | * |
|     | named Richard Hill had the same    |     | * |
|     | question. Lights please.           |     | * |

Ari turns a (freestanding, so it can be anywhere) spotlight  
onto Senor Tapir, who is wearing a thin coat, and his narrow  
silhouette shines onto the side of the barn behind. Tapir  
starts to strum his guitar and sings.

After a few words, we transition to a simpler style of animation that describes what he is singing.

|     |                                    |     |   |
|-----|------------------------------------|-----|---|
| 112 | SENOR TAPIR (CONT'D)               | 112 | * |
|     | (singing)                          |     | * |
|     | How do chickadees keep warm in the |     | * |
|     | winter?                            |     | * |

TRANSITION TO: \*

We see a chickadee fly and land on a snowy branch in a winter forest. A man (Richard Hill illustrated as a Jack Rabbit) is walking down a trail and pauses to look at the little bird.

|     |                                   |     |   |
|-----|-----------------------------------|-----|---|
| 113 | SENOR TAPIR (CONT'D)              | 113 | * |
|     | Richard Hill wanted to know.      |     | * |
|     | When the temperature's dropping,  |     | * |
|     | oh why don't they stop and become |     | * |
|     | popsicles in the snow?            |     | * |

Cut to a room, where Richard turns a spotlight onto a chickadee on a perch, projecting its silhouette onto a backdrop behind the chickadee. Richard turns down the temperature (rotates thermostat and thermometer drops), the bird poofs a bit, and he traces its silhouette.

He turns the temperature down again (rotates thermostat and thermometer drops as it gets colder), the chickadee poofs up more and Richard traces its silhouette again so we can compare the difference in shape.

The shape of a chickadee's shadow  
Gave Richard the answer that he  
found, 'Cause in chilly weather  
Birds poof up their feathers.  
The colder it gets then the more  
they get round.

Chickadee Dee Dee your shadow  
helped him see,  
How you poof up your feathers in a  
cold winter storm,  
Chickadee Dee Dee your shadow  
helped him see,  
the way you stay toasty and warm.  
Toasty and warm.

The chickadee perches on a branch and poofs up. Its cheeks look rosy (a little artistic license to indicate the bird feels warm). The bird is standing tall and looks down to its feather-less feet, and as a nod to following lyrics it quickly sits down to keep its feet warm under its feathers.

As you perch on your seat  
Your feathers trap heat  
From your chickadee head to your  
chickadee feet.

Scenes of snow coming down harder and harder and chickadees poofing more and more until they are very round.

Chickadee Dee Dee your shadow  
helped him see,  
the way you stay toasty and warm.  
Toasty and warm.

TRANSITION TO:

### 3. EXT BARN -- EVENING

The kids cheer as Senor Tapir finishes his song. Now he is wearing more jackets and has a dramatically larger silhouette. Simultaneously, Ari finishes tracing Senor Tapir's silhouette onto the side of the barn with some chalk.

|     |                                                     |     |   |
|-----|-----------------------------------------------------|-----|---|
| 114 | ARI                                                 | 114 | * |
|     | Are you feeling warm Senor Tapir?                   |     | * |
|     | Your shadow tells me you are all                    |     | * |
|     | puffed up!                                          |     | * |
| 115 | SENOR TAPIR                                         | 115 | * |
|     | Ahh, Ari, I always feels warm when                  |     | * |
|     | I'm singing with you kids - Gracias                 |     | * |
|     | amigos!                                             |     | * |
|     | A chickadee flies in and lands on Senor Tapirs hat. |     | * |