

ELINOR WONDERS WHY

EP 103A The Science of Staying Warm

By: Miklos Perlus

Elinor's Question: Why do some animals get cold in winter while others stay warm.

Logline: Elinor wants to play outside in the snow with Olive and Ari, but Olive's heavy winter clothes keep getting in the way of their fun so she'd rather not wear it at all.

Curriculum Goals:

SEP6. Constructing Explanations. Look for and describe patterns and relationships in natural phenomena. (Elinor and her friends look for a pattern in which animals need winter clothes and which ones don't.)

LS2. Understand that animals have different body parts that are used in different ways to meet their needs and that plants have different parts that help them survive and grow. (Elinor comes to understand that some animals have fur, and that fur keeps them warm.)

ND1. (RTL Crosscutting concept 'Patterns') Understand that modes of life in the natural world and engineered solutions in the designed world have common patterns, and engineers often look to natural patterns for inspiration. (Elinor understands that winter clothes fulfill the same function as fur, keeping animals warm in winter.)

Main Characters: Elinor, Olive, Ari.

Secondary Characters: Olive's Mom, Javier Moose

Incidental Characters: Sally, Rollie, Goat Twins, Bodie (NEW)

Settings: Animal Town, Olive's House, Snowy hill and field,

Props: Saucer Sled, snow bear, winter clothes, snow balls, snowboard,

OUTLINE: Dec-5-2018

FIRST DRAFT: Dec-18-2018

SECOND DRAFT: Jan-14-2019

POLISH: Feb-5-2019

RECORD DRAFT: Feb-7-2019

1. EXT. ANIMAL TOWN - DAY

A pristine single snowflake flies over ANIMAL TOWN on a gentle breeze. As it floats through town, we see various town RESIDENTS opening their doors to marvel at a blanket of fresh white snow.

MR. PIG shivers at the cold air and heads back indoors.

MR. MOOSE takes a deep breath of cold air with a warm smile as he proceeds to shovel his walkway (without a jacket!).

The snowflake continues to fly through town, towards...

2. EXT. OLIVE'S HOUSE - HILL AND FIELD - CONTINUOUS

As the snowflake drifts, it passes a FIELD OF SNOW at the bottom of a MID-SIZED HILL where a group of children are playing <SFX: CHILDREN PLAYING>.

SALLY BEAVER (in earmuffs and mittens) is building an elaborate Snow-Beaver with carrot sticks for teeth.

THE GOAT TWINS (wearing only scarves) are pulling each other on a toboggan.

JAVIER MOOSE (in just a scarf) is having a playful snowball fight with ROLLIE ARMADILLO (in full winter gear).

BODIE HIPPO (in snowsuit, helmet and goggles) is snowboarding down the hill.

The snowflake drifts toward OLIVE'S HOUSE, nestled near the hillside...

At OLIVE'S WINDOW, we see ELINOR through the glass, gazing longingly at all the fun outside.

The snowflake lands on the window, right where Elinor's nose is, then a light snow starts to fall.

3. INT. OLIVE'S HOUSE - CONTINUOUS

1	ELINOR	1
	<gasp!> What a pretty snowflake!	
	Elinor (in SCARF AND MITTENS) hops with excitement!	
2	ELINOR (CONT'D)	2
	Hurry, Olive! It's time to play in the SNOW!	

ARI is waiting nearby (wearing MITTENS, BOOTS AND HELMET)
holding a shiny NEW SAUCER SLED.

3 ARI 3
Yeah, and I can't wait to try my
new super speedy saucer sled -
Whoa. That's hard to say. Super
speedy saucer sled.

4 ARI/ELINOR 4
(laughing)
Super speedy saucer sled. Super
speedy saucer sled!

5 OLIVE (O.S.) 5
Okay, I'm ready. There's no time
like snow time!

OLIVE <TRUMPETS> with her trunk.

6 ARI/ELINOR 6
 Alright!/Yay!

Ari, Elinor and Olive rush to the front door.

7 OLIVE'S MOM (O.S.) 7
Olive, Sweetie. Aren't you
forgetting something?

Just then, OLIVE'S MOM enters carrying a "trunkful" of WINTER CLOTHES (She carries them with her trunk.)

8 OLIVE 8
Aw Mom, it takes forever to put all
those winter clothes on.

9 OLIVE'S MOM 9
True, it takes more time, but
Sweetie, you know it's cold
outside.

10 ELINOR 10
It's okay, Olive. We'll wait for
you. Right, Ari?

Ari is gazing outside, longingly. He snaps back to attention.

11 ARI 11
Huh? Oh, uh... yeah. Sure we will!

12 OLIVE'S MOM 12

Come now, Olive. I bet if we work
together we can get you ready in
two shakes of a tail. Ready, set...

13 OLIVE AND OLIVE'S MOM 13
 <TRUMPET with their trunks>

Ari <chuckles> enjoying the sound.

14 ARI 14
 (chuckling)
I love it when they do that.

SERIES OF JUMP CUTS:

(MUSIC NOTE: the music starts out fast and energetic but gets slower and more tedious as Olive gets dressed.)

-- Olive's Mom helps Olive put on her snow pants.

-- Then her jacket.

-- Ari and Elinor wait. Elinor's leg keeps twitching.

-- Olive's Mom helps her put on her hat.

-- Then her scarf.

-- Then her mittens.

-- Ari and Elinor are sitting on the floor, still waiting.
Ari twiddles his thumbs.

-- Olive steps into one boot. Then the other.

```
-- Ari and Elinor are draped over the furniture. Ari is
upside down.
```

-- Finally, Olive slides on her trunk-warmer (like a leg-warmer but for her trunk).

BACK TO SCENE:

Ari and Elinor have nodded off. Ari is SNORING.

15 OLIVE 15

<Ahem.>

Ari and Elinor wake up to see Olive in her WINTER GEAR. It's bulky and stiff like an inflatable Sumo suit.

16 OLIVE (CONT'D) 16
Sorry I took so long. It's my
winter clothes. There's kind of a
lot of them.

17 ELINOR 17
That's okay, Olive.

Ari and Elinor scamper to the door. They open the door and rush outside.

4. EXT. OLIVE'S HOUSE - CONTINUOUS

Elinor and Ari race outside.

But Olive remains INSIDE, in the doorway.

21 OLIVE 21
I... I have to go to the bathroom.

Elinor and Ari turn to one another - Oh no! Exasperated, Ari collapses to his knees <beat> then falls forward into the snow.

5. EXT. OLIVE'S HOUSE - HILL AND FIELD - LATER

Elinor, Olive, and Ari rush towards the hill. Ari (in HELMET) scampers up the hill with his sled while Olive, moving slowly and awkwardly, trails behind. Elinor tosses a handful of powdery snow into the air.

23 ELINOR/OLIVE 23
SNOW BIRDS!

Olive and Elinor plop down in the snow and start making SNOW BIRDS.

24 ELINOR/OLIVE (CONT'D) 24
<giggling>

Both enjoy the snow as they wave their arms and legs.

25 ELINOR 25
Ready to look at our Snow Birds,
Olive? One, two, three!

Elinor pops up to look at her snow bird.

26 ELINOR (CONT'D) 26
Oooh. So pretty! How's yours,
Olive?

Olive tries to sit up -- but her bulky snowsuit is too heavy. She's like a turtle on its back.

27 OLIVE 27
 <efforts> Uh... Help?

28 ELINOR 28
 <giggle> Olive! <effort>

Elinor GRUNTS as she pulls Olive up by her trunk.

Olive is forced to use her hands to push herself up. In doing so, she distorts the shape of her Snow Bird.

29 OLIVE 29
 (giggles)
My Snow Bird looks more like a snow-
jellyfish! <sigh> I wish my winter
clothes weren't so big and puffy.

ARI (O.S.)
Look out below!

Elinor and Olive turn to the hill to see Ari zigzagging down
THE HILL on his SAUCER SLED.

31 ARI (CONT'D) 31
Who-oaa! How do you steer this
thing?!

Ari flies by Elinor and Olive and OFF SCREEN - THUD.

32 ELINOR 32

Ari!

REVEAL Ari half buried in a pile of soft snow. He struggles to get out (maybe NOT head first).

33 ARI 33
33 <efforts> I think I'm stuck.

Elinor pulls on Ari's leg, Olive grabs the other one. They pull him out of the snow.

34 ELINOR/OLIVE 34
<efforts>

35 ELINOR 35
Are you okay?

Ari jumps up and FLAPS his wings to shake off the snow.

36 ARI 36
YEAH. That didn't go *exactly* as
planned. I'm gonna try it again.
Wanna come? I'll race you to the
top of the hill.

Ari grabs his sled and races back up the hill.

37 ELINOR 37
Come on, Olive. Let's go sledding!

Elinor practically floats across the snow, her big rabbit
feet acting like snowshoes. But one or two steps up the hill
and Olive sinks into the deep snow.

38 OLIVE 38
Wait up, Elinor! I'm <effort>
coming! <effort> Whooooaaa...

Olive takes a few slow steps then teeters, falls on her back
and slides down the hill, forming a Olive-size track in the
snow.

39 ELINOR 39
Uh oh.

She calls back to her friend downhill.

40 ELINOR: 40
Are you ok, Olive?

ON: Olive sits up.

41 OLIVE: 41
Yeah...

Olive takes in her predicament, then tries to get up.

42 OLIVE 42
<effort> I wish I didn't have to
wear all these winter clothes -
they're so puffy it's hard to move.

Olive hears some O.S. GIGGLES. She turns to see THE GOAT TWINS (wearing scarves) finishing off a SNOWBEAR (the snowbear has no clothes).

43 OLIVE (CONT'D) 43
Hmmm...

CUT TO:

6. EXT. OLIVE'S HOUSE - HILL AND FIELD - MOMENTS LATER

The snowbear is now wearing Olive's jacket, scarf, hat and mittens.

44 OLIVE 44
There. Now he looks cozy.

Suddenly a SNOWBALL splats against Olive's body.

45 JAVIER 45
Gotcha, Olive! <giggles>

JAVIER MOOSE smiles as he makes another snowball.

46 OLIVE 46
Oh yeah? Well, now it's my turn,
Javier. Snowball fight!

Olive chases after Javier moving faster in the snow now, rolling snowballs with her hands and launching them with her trunk. With three appendages working, and no winter clothes to slow her down, she's like a snowball-tossing machine! Javier gets hit multiple times.

47 JAVIER 47
Hey! <giggles>

Olive bends down to pick up one more snowball, but suddenly feels a shiver.

48 OLIVE 48
<shivers>

As Olive rubs her hands for warmth, Elinor bounds towards her as Ari sleds by uncontrollably in the B.G.

49 ARI 49
(In the background)
Wh-Whoa..!

50 ELINOR 50
Hey Olive! Why didn't you come
saucer sledding?

Elinor approaches Olive, curious and concerned.

51 ELINOR (CONT'D) 51
Olive?

Olive is frozen still, hugging her body with her arms.
Shivering.

MATCH CUT TO:

7. INT. OLIVE'S HOUSE - DAY

Olive, still shivering, under a cozy blanket

52 OLIVE 52
Ah-h. Th-that's b-b-better.

Elinor gazes out the window.

53 ELINOR 53
You got really cold out there,
Olive.

54 OLIVE 54
It's not fair. How come I have to
wear big, puffy winter clothes when
I go outside?

55 ELINOR 55
Other kids wear them too. Look at
Bodie. He's wearing a full
snowsuit.

We see BODIE HIPPO snowboarding down the hill.

Bodie stops right in front of ROLLIE ARMADILLO, spraying him with snow. They both laugh, enjoying the snow.

56 ELINOR (CONT'D) 56
And so is Rollie.

Olive, still in her blanket, joins Elinor by the window.

57 OLIVE 57
Hmm, but Javier isn't wearing a
thick jacket. And neither are Mary
or Lizzie.

58 ELINOR 58
 Hmm... *Some* of our friends are
 wearing lots of winter clothes, and
 some *aren't*. That is SO
 INTERESTING.

59 OLIVE 59
I wonder why that is?

60 ELINOR 60
I don't know... Let's go back
outside and find out.

61 OLIVE 61
Uh, I think I'll stay inside...

She cozies up under her blanket as Elinor goes to the door
and pauses before charging outside.

62 ELINOR 62
We need MORE OBSERVATIONS!

8. INT./EXT. OLIVE'S HOUSE - HILL AND FIELD - DAY

MUSIC begins as Elinor bounces through the snowy field,
SINGING...

63 ELINOR 63
*There's no time like snow time/
When winter time is here./
Sliding, gliding, snowball fun/
What a time of year.*

She approaches her friends Bodie Hippo, Javier Moose, and The
Goat Twins MID-SNOWBALL PLAY.

64 ELINOR (CONT'D) 64
*But when the snow has fallen/
And the lake has froze/
Different animals seem to wear/
Different kinds of clothes.*

Elinor observes Bodie and Rollie closely...

65 ELINOR (CONT'D) 65
*Some wear cozy snowsuits/
With scarves and mitts and hats.*

Elinor observes the Goat Twins and Sally Beaver...

66 ELINOR (CONT'D) 66
*Others wear their normal clothes/
Like goats and beavers --*

67 ARI 67
-- And bats! Ahhh!

Ari comes spinning through frame on his saucer sled, out of control. He crashes into a fluffy white pile of snow - again. Elinor helps him out.

68 ELINOR/ARI 68
*There's no time like snow time,
 when winter time is here.
 Saucer sledding, so much fun! What
 a time of year! <laughter>*

Ari flaps his wings, sending a SHOWER of snow cascading through the frame as we...

TRANSITION TO:

9. INT./EXT. OLIVE'S HOUSE - DAY

Elinor enters.

69 OLIVE 69
Well? Did you find anything out?

70 ELINOR 70
Yes and no. Some of us wear lots of
winter clothes and some of us wear
hardly any winter clothes at all.

71 OLIVE 71
Let's make a chart so we can see
what's the same and what's
different.

Olive grabs her PENCIL AND NOTEBOOK. She creates a T CHART. On one side there's an icon of a SNOWSUIT. On the other side is an icon of a T-SHIRT AND SHORTS.

72 OLIVE (CONT'D) 72
(to herself)
Wearing lots of winter clothes...
NOT wearing lots of winter clothes.
(to Elinor)
Okay. Tell me about what everybody
is wearing.

Elinor peers out THE WINDOW. As she describes her friends, Olive sketches them.

73 ELINOR 73
Let's see... Bodie and Rollie are
wearing full snowsuits.

Olive finishes off a sketch of Bodie and Rollie in the SNOWSUIT COLUMN.

74 OLIVE 74
Got it.

Elinor spots Javier Moose playing with Mary and Lizzie.

75 ELINOR 75
But Javier, Mary and Lizzie are
only wearing scarves over their
normal clothes.

Olive finishes a sketch of Javier and the goat twins in the T-SHIRT COLUMN. The two of them look at the chart, wondering what it means.

76 ELINOR (CONT'D) 76
Hmmm...

At that moment, ARI enters through the front door and shakes off some snow.

77 ARI 77
Phew! This saucer sled is awesome!
But kinda hard to control. Hey,
what are you guys doing?

78 ELINOR 78
We're trying to figure out why
Hazel got so cold.

79 OLIVE 79
Yeah, some of us need lots of
winter clothes, and some of us
don't!

Ari takes a peek at Olive's notepad.

80 ARI 80
Ahh... well, you can put me in the
not-so-many winter clothes
category: I like to let my fur fly
free!

81 ELINOR 81
But we still don't know why --
wait. Fur! Ari, you have fur.

82 ARI 82
You bet I do!

Ari proudly offers his arm and Elinor gets up close and personal for a **SCIENCE MOMENT ECU** of Ari's fur.

83 ELINOR 83
And I have fur too!

94 ARI 94
 <laughs> Yeah. I love that.

95 OLIVE 95
I guess we're all just different,
and since I don't have fur...

Olive smiles, then grabs her winter gear.

96 OLIVE (CONT'D) 96
What are we waiting for? Let's get
outside before the snow melts!

97 ELINOR/ARI/OLIVE 97
Yay! /Wahoo! /<TRUMPETS>

10. EXT. OLIVE'S HOUSE - FIELD AND HILL - DAY

Back outside, Ari, Elinor and Olive are standing at the top of the hill with Ari's saucer sled. Olive is wearing her full winter gear again.

98 ELINOR 98
Nice and warm, Olive?

99 OLIVE 99

Yeah!

100 ARI 100

Are you guys sure? I still don't
know how to steer this thing.

101 OLIVE 101
 You don't have to. Follow me!

Olive lies down in the snow, like she did when she fell, and slides down the hill on her back. Her winter clothes keep her warm as she carves a perfect bobsled path down the hill.

102	OLIVE (CONT'D)	102
	Yahooo!	

At the bottom, Olive struggles a little to get to her feet.

103 OLIVE (CONT'D) 103

See! My snow clothes keep me warm
AND they make a path in the snow!
<effort> Come on you guys! There's
no time like snow time!

Ari and Elinor exchange a look. Then...

104 ARI/ELINOR 104
 Super speedy saucer sled. Super
 speedy saucer sled. Super speedy
 saucer sled!

Ari and Elinor saucer sled down in Olive's path.

105 ELINOR/ARI 105
 Yay!/Wahoo! I love SNOW!

SEGMENT 2

1. INT SCHOOL ROOM -- DAY

We open to Ms. Mole walking into the classroom after recess,
wearing a big white fluffy white coat.

106 MS. MOLE 106
 Brrrrr! It's so cold today! Let's
 warm up with a nice cup of hot
 cocoa and a story!

We see a group of kids gather on the carpet around Ms. Mole.
Elinor is near the front.

Ms. Mole takes out a book from her coat.

107 ELINOR / OLIVE /ARI 107
 Yay! / I love story time! / Oh
 yeah!

108 ELINOR 108
 What's today's story, Ms. Mole?

109 MS. MOLE 109
 Today's story is all about staying
 warm! But our story starts in a
 very cold place...

Ms. Mole opens the book, which reveals an icy, polar
environment.

2. EXT POLAR -- DAY

An icy scene, with piles of snow and some water visible.

110 MS. MOLE 110
 Way up in the north, it's verrrrrry
 cold, only a few animals can stay
 warm.

120 OLIVE/ARI 120
Oooh!/Wow!

121 MS. MOLE 121
But that's not even the most
amazing thing about polar bears!

The polar bear looks interested, pokes his own fur.

122 MS. MOLE (CONT'D) 122
Do you know what color a polar
bear's skin is underneath all that
fur?

123 ARI / ELINOR /OLIVE 123
Is it white too? / I'm pink under
my fur. / My skin is grey!

124 MS. MOLE 124
If you look closely, a polar bear's
skin is actually black underneath
the fur!

The polar bear looks surprised. He uses a paw to push some
hair out of the way, we see his skin is black. He looks
surprised and impressed with himself.

125 MS. MOLE (CONT'D) 125
The thick white fur keeps them cozy
in the snow, and the black skin
underneath helps them soak up the
warm light from the sun.

3. INT SCHOOLROOM -- DAY

Ms. Mole closes the book. She is now wearing a polar bear
hoodie over her head in addition to her furry coat.

126 MS. MOLE 126
It's a good thing polar bears have
such special fur and skin! You
won't find a mole like me swimming
in freezing water!

She tries to take a sip of tea, but the mask is blocking her.

END.