

ELINOR WONDERS WHY

EP 130 Colorful and Tasty
By: Jorge Cham and Daniel Whiteson

Elinor's Question: How do bees find flowers?

Logline: The kids learn that flowers are colorful and aromatic to attract bees and find ways to draw customers to their bake sale table.

Curriculum Goals:

- LS1b: Record observations about an animal's or plant's physical appearance [they notice that flowers are colorful and smell nice]
- 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. [The kids copy the plant's solution for attracting bees in order to attract cupcake customers]
- SEP1b: Ask more complex questions about observable phenomena
- SEP4c: Record observations to describe patterns and/or relationships in the natural and designed world(s) in order to answer scientific questions and solve problems.

Mains - Elinor, Ari, Olive, Mr. Rabbit, Koa

Secondary: Deputy Mouse, Gee-raff

Locations: Elinor's Kitchen, Park, Forest

Props: cupcakes, sign, flowers, bees, crayons, paper.

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POLISH: June 24, 2019

1. INT ELINOR'S KITCHEN -- DAY

We open on the oven, and see MR. RABBIT pulling out a tray of cupcakes.

1	MR. RABBIT	1
	That's the last batch, kids, they are aaaaaaall done!	

He sets the tray on the table. The kids all <SFX:CHEER>.

We pull out to see ELINOR, ARI and OLIVE sitting around the table. There are a few other batches of cupcakes cooling around the kitchen. The kids are stacking cupcakes onto a plate.

2	ELINOR	2
	I can't wait to set up our carrot cupcake stand.	

3	OLIVE	3
	Me too, Elinor! I bet everyone is going to love our cupcakes.	

4	ARI	4
	Yeah, they smell SO GOOD! Ahhhhh...!	

Ari leans over the cupcakes and takes a long whiff with a dramatic flair. Olive and Elinor giggle.

Olive is surrounded by colored paper and crayons.

5	OLIVE	5
	I'm almost done with our sign. What do you guys think?	

She shows off the sign she made for their stand: a modest sheet with a doodle of a cupcake and carrots.

6	ELINOR	6
	It looks great, Olive!	

7	ARI	7
	Yeah, it's... making me... want... to... grab a cupcake...	

Ari pretends that his hand is acting on its own and reaching for a cupcake. His other hand is holding it back.

8	MR. RABBIT	8
	Now, now, Ari. Remember they are for your cupcake stand, to share with everyone at the park.	

*
*

Ari drops his hands and goes <SFX: AWWW...>.

9	ARI	9
	But shouldn't we taste one? You	
	know, just to make sure they came	
	out OK?	

Mr. Rabbit points to the now empty bowls and utensils they used to make the cupcakes.

10	MR. RABBIT	10	
	Well, you already tasted the		
	ingredients on their own, then		*
	again when we mixed them to make		*
	the batter, and THEN you tasted a		*
	cupcake from the first batch. If		
	you keep "tasting" so much, there		
	won't be any left for everyone		
	else!		

11	ARI	11	
	BUT, what if something went wrong		
	in the oven this time? We have to		
	make sure they taste good.		*

Mr. Rabbit looks skeptical.

12	ARI (CONT'D)	12	
	It's called "Double Checking."		*

Mr. Rabbit smiles, then relents amusingly.

13	MR. RABBIT	13	
	Oh, OK...		

He cuts a cupcake in four pieces and they all try it.

14	ELINOR	14	
	Wow, they are so good!		

15	OLIVE	15	
	Really good. Everyone is going to		
	love them.		*

16	MR. RABBIT	16	*
	MMmmm. Not bad, if I do say so		*
	myself.		*

17	ARI	17	*
	(after swallowing a big		*
	gulp of food))		*
	It's a good thing we double-		*
	checked.		*

Everyone <SFX: GIGGLES>. They finish stacking the cupcakes and then head out to the park, very optimistic.

2. EXT PARK -- DAY

It's a fine day at the park and there are several town residents hanging out doing fun park activities.

GEE RAFFE and DEPUTY MOUSE are sitting on a bench sharing a smoothie. (We don't see Gee Raffe's head, just a really long straw).

*

KOA and SILAS are throwing a ball. We see Koa throw it and Silas zoom to where the ball will land comically long before it gets there, maybe yawning as he waits for the ball to arrive.

Elinor, Ari and Olive walk in towards the middle of the area carrying some items: Olive has her SATCHEL and is carrying a small folding table, Elinor is carrying their sign, and Ari is coming up behind them, holding up the plate of cupcakes with one hand, like a waiter.

*

18	ELINOR	18
	This is going to be so fun!	

19	ARI	19
	Handing out these cupcakes are going to make everyone's day!	

*

At that moment, Ari trips over something.

20	ARI (CONT'D)	20
	Whoops... Whoa... WHOA!	

He loses his balance, struggles to keep the plate up, but... he stumbles backwards, sending the plate of cupcakes up into the air!

21	ARI (CONT'D)	21
	Ahh!	

In typical cartoon fashion, he runs around, catching the plate first and then the cupcakes one at a time as they fall and stack perfectly back on the plate.

22	ARI (CONT'D)	22
	Phew!	

Olive and Elinor peek back on screen (they hadn't even noticed).

23 OLIVE 23
Coming, Ari?

Ari composes himself and, glancing sideways as if nothing happened, continues on.

24 ARI 24
Yep. (Phew!)

Soon, the kids arrive at the spot in the park where they want to set up. Ari sets the cupcakes down and helps Olive unfold the table. Olive then rolls over a small log resting in the grass for them to sit on, and Elinor puts up the sign in front of the table. *

25 OLIVE 25
I can't wait for everyone to try our cupcakes. I bet we'll run out!

26 ELINOR 26
Yeah!

The kids put the cupcake plate on the table, nothing fancy. They take a moment to admire their work, and then sit down, expectantly. *

27 ARI (PROJECTING) 27 *
OK! Who wants some delicious cupcakes?

Nothing happens.

The kids glance around. The animals in the park continue doing their activities, but nobody comes over to them.

28 ELINOR (PROJECTING) 28 *
Ahem! We have some cupcakes here...

They twiddle their thumbs (or trunk, in Olive's case). Nobody comes over.

29 OLIVE (PROJECTING BUT MEEKLY) 29 *
Really tasty cupcakes!

Still nothing. Finally, Ari stands up, exasperated.

30 ARI (PROJECTING LOUDER) 30 *
I SAID: Who wants some cupcakes?!

Unfortunately, it's a beautiful day, and everyone seems to be enjoying their park activities.

31 ELINOR 31
Is ANYONE going to have a cupcake?

Ari looks up. He reaches for a cupcake.

32 ELINOR (CONT'D) 32
I didn't mean YOU, Ari.

Ari drops his hand. <SFX: AWWW>

More time passes, but nobody stops by and the kids' excitement is starting to wane. The kids are looking a little bored, when suddenly, a ball rolls over in their direction.

33 KOA 33
Oh hey, guys. I didn't notice you
over here. Whatcha doing?

34 OLIVE 34
Hi, Koa. We made some really tasty
cupcakes.

35 ARI 35
And set up this awesome cupcake
stand.

36 ELINOR 36
But nobody has come by to have one. *

Koa takes in the situation. The kids let out a collective <SFX: SIGH>.

37 KOA 37
Aww, that's a bummer. Nobody has
stopped by? *

37 At that moment, a bee buzzes by overhead, catching Elinor's³⁷
attention. She watches curiously as the bee heads straight
for some nearby trees at the edge of the clearing. *

Ari collapses in mock-dramatic despair.

ARI

Not even one!

39 OLIVE 39
And the cupcakes are SO good. ★

Suddenly, another bee buzzes by. Elinor watches as the bee heads in the exact same direction. Elinor's curiosity is piqued.

40 ELINOR 40
Whoa, did you guys see that?

41 OLIVE 41
What is it, Elinor?

42	ELINOR	42
	First, I saw a bee fly by and go to those trees... And then I saw ANOTHER bee do the same thing.	

Another bee goes by. *

43 KOA 43
Oh, yeah, there goes another one. *

44 ELINOR 44
I wonder where they're going...

Elinor gets up and follows the bee.

ARI

Elinor, where are you going?

46 ELINOR 46
I'm following those bees! *

Ari gets curious and follows her. Olive and Koa look at each other.

47 OLIVE 47
Koa, will you keep an eye on our
cupcake stand for a minute? You can
have a cupcake!

48	KOA	48	
	Um... Sure thing! And thanks for		*
	the cupcake!		*

Olive follows Ari and Elinor. Koa flops down on the log and happily grabs a cupcake.

3. EXT FOREST -- DAY

The kids go into the trees to see where the bees went.

49 ARI 49
I think the bees went this way. *

The kids look around for the bees but can't spot them. *

50 OLIVE 50
Where did they go?

For a beat they can't find the bees. Suddenly, *another* bee comes up behind them.

51 ELINOR 51
There's another one! Let's follow
it!

The kids follow the second bee. As they're following, Olive takes a sniff with her trunk.

52 OLIVE 52
Mmm, do you smell that? It smells
nice.

The kids walk a bit, then they see another bee come up behind them and they follow it. Olive smells the air again.

53 OLIVE (CONT'D) 53
There! I smell it again. It smells
even stronger now. *

ARI

What is it?

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55             OLIVE
            It smells like... flowers!
55

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They emerge into a small clearing with bushes that have colorful flowers. There are bees buzzing around. Some bees are arriving and some are leaving. There are other bushes nearby without flowers and without bees.

[illegible]

ELINOR

Wow, look at all the bees!

58 OLIVE 58
And the colorful flowers!

We zoom in a bit to see the bees buzzing around the flowers.

59 ELINOR 59
Look, the bees are all buzzing
around the flowers.

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60          ARI          60
          Why are they all here? *
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Olive remembers something.

61 OLIVE 61
 Hmm, I remember reading about this
 in my nature book.

The kids move a little closer to one of the flower bushes. We
SCIENCE CLOSE UP: one of the bees landing on a flower. *

62 OLIVE (CONT'D) 62
Bees like to drink the juice that's
inside of flowers. It's called
nectar.

ECU: we see the bee sipping up some of the nectar from the flower. *

63 ARI 63
Ohhh, so that's why they're here.
They are having a snack!

Elinor looks around at the flowers.

64 ELINOR 64
Well, there are lots of flowers
here. That must be why there are so
many bees.

Elinor looks back from where they came and gets curious
again.

65 ELINOR (CONT'D) 65
But I wonder... how did the bees
FIND these flowers? *

66 ARI 66
What do you mean?

Elinor points back towards the path they took to get here.

67 ELINOR 67
I mean, how did they know how to
get here? WE followed the bees to
get here. But how did the BEES find
this place? *

68 OLIVE 68
Huh, you're right. This place IS
kind of hard to find.

69 ARI 69
Yeah, if we HADN'T followed the
bees, I don't think we would have
ever found these flowers.

70 ELINOR 70 *
Hmmm... That's SO interesting! We
need MORE observations.

The kids move behind a bush or a log to observe the bees and the flowers.

71 ELINOR (CONT'D) 71
Ok, how did the bees find the
flowers? *

72	ARI	72
	I know! Maybe they have a map? My parents use a map to find our way when we go hiking.	*

A thought bubble forms above Ari, showing his family walking around with a map. *

73	OLIVE	73
	I don't think bees can carry maps.	
	But maybe they followed some signs?	

A thought bubble forms above Olive showing her walking around the town center, guided by some walkway signs.

74 ELINOR 74
But I didn't see any signs in the
forest, did you?

OLIVE

No. Hnm...

76 ELINOR 76
I know! Why don't we "think like
bees" to figure it out?

77 OLIVE 77
Think like bees?

78 ELINOR 78
Yeah, let's imagine that WE are
bees. If I were a bee, how would I
find where the flowers are? *

79 ARI 79
I can do that! Let me try.

Ari pretends to be a bee, flying around.

80	ARI (CONT'D)	80
	Bzzzz... Where are the flowers? Any	
	flowers over here? Calling all	
	flowers.	

Ari comes back down. *

81 ARI (CONT'D) 81
Ahh, I always wanted to BEE a bee.
Get it? Bee a bee?

Elinor and Olive <SFX: GIGGLES>

82 ELINOR 82
What did you notice, Ari?

83 ARI 83

Well, at first I couldn't find the flowers, but then when I got close enough, it was pretty easy to SEE the flowers. That's because they're so bright and colorful.

*
*
*

84 OLIVE 84
You're right. Flowers are easy to
see.

85 ELINOR 85
 Hmm, I never thought about that
 before. The bright colors makes
 them easy to find.

All the flowers around them are bright and colorful.

86 OLIVE 86

So maybe that's how the bees find
the flowers! By their color!

87 ELINOR 87
Yeah... but that only works when
they're close enough to SEE the
flowers. How do they find the
flowers from far away?

Ari is at a flower, looking at it closely.

88 ARI 88
Mmm, I like how these flowers
smell.

At this, Olive <SFX: SNIFF, SNIFFS> with her trunk and has a realization. *

89 OLIVE 89

Wait. I remember I could SMELL the flowers before we even saw them. I didn't smell them very much, but when we got closer I could smell them a lot more.

Elinor picks up on the thread.

90	ELINOR	90	
	That's it! The bees must have followed the flower smell to get here!		* * *

Ari closes his eyes and buzzes like a bee again, <SFX: SNIFFING> around.

91	ARI	91	
	I can definitely tell where the flowers are by their smell.		*

92	OLIVE	92	
	I get it. When they're far away, the bees smell the flowers...		* *

93	ELINOR	93	
	... And once they are closer, they can see their bright colors. We figured it out!		* *

The kids high five each other over <SFX: YAY WALLA>. Ari looks at the flowers.

94	ARI	94	
	Wow, the flowers look AND smell good. That's such a smart way for the flowers to get the bees to come over.		* * *

Elinor thinks for a moment <SFX: HMMM...>, then has another realization.

95	ELINOR	95	
	<GASP!> Olive, Ari, I think I figured out how to get others to come try our cupcakes!		* *

96	OLIVE	96	
	How?		

97	ELINOR	97	
	We'll make our cupcake stand like the FLOWERS, so everyone else can find us! Follow me!		

They all head back towards the park.

4. EXT PARK - SHORT TIME LATER

A short time later, Olive arrives back at the table carrying her colored papers and crayons. She joins the other kids (including Koa).

98 OLIVE 98
Ok, Elinor. Here is all the colored
papers and crayons from the house. *

99 ELINOR 99
Great, let's make our cupcake stand
easy to find!

They get to work decorating the table. While they work, they
sing:

100 ELINOR/OLIVE/ARI 100
Bzzzz bzzz bzzzz
Think like a bee
Bees find flowers
So cleverly *

Bzzzz bzzz bzzz
Think like a bee
Let's make our table
So bright to see

Bzzz bzz bzzz
We can tell
Bees find flowers
By following their smell *

Bzzzz bzzz bzzzz
Think like a bee
Now our table
Is easy to see! *

When they are done, the table looks like a big beautiful
flower. Some paper has also been made into a hand-fan. *

101 KOA 101
Whoa, everyone will definitely be
able to find your cupcake stand
now! *

102 OLIVE 102
Thank you, Koa! I hope it works.

103 ARI 103
But what is the fan for? *

104 ELINOR 104
I'll show you!

She fans the cupcakes.

105 ARI 105
Oh, good idea, Elinor! Spread that
yummy smell around!

We see little squiggles of air waft from the cupcakes and out into the surrounding area.

Cut to Gee Raffe and Deputy Mouse, who are finishing their drink. Deputy Mouse sniffs the air curiously.

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106                DEPUTY MOUSE                                106
                <Sniff> Mmmmm, something smells
                tasty. It's coming from that stand
                over there!

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They get up to follow the smell.

BACK ON: the kid's table. Gee and Deputy Mouse approach, as do other park visitors.

107 DEPUTY MOUSE (CONT'D) 107
Ooh, cupcakes!

111 Ari flies one up to Gee Raffe, we hear her gulp it down in
one bite <SFX: GULP>. She loves it <SFX: Mmm-mmm-mmm>.

Silas Cheetah appears in a blur. They give him a cupcake too. He eats it and blurs off. More animals appear, <SFX: Walla>, interested in the cupcakes.

108	OLIVE	108
	It's working! Everyone is finding our stand!	

109 ELINOR 109
Just like how the bees found the
flowers!

110	ARI	110
	Wow, I can't BEE-lieve it! Get it?	
	Because of the BEES?	

Olive and Elinor <SFX: GIGGLE>. The last animal in line takes the last cupcake.

111 ELINOR 111
We ran out of cupcakes! We're going
to have to make more!

112 ARI 112

That's ok. It just means...
(licking his lips and patting his
tummy) more cupcake tasting!

The kids <SFX: LAUGH> and buzz around like bees as we...

END.