

monarch caterpillar pupation

Friday, September 6, 2019

whole group conversation, 10 minutes

children seated in semi-circle facing projected video

<https://www.youtube.com/watch?v=b4WYor6UMtU&t=18s>

IAN: It's hanging upside down.

THOMAS: It's swinging back and forth.

JACKSON: It's making a J.

CHARLIE N: It's getting bigger.

CHARLIE S: Because it stuck onto that thing right there. The web.

It's getting smaller.

IAN: Actually it's untangling

RUTH: Actually it's falling apart.

IAN: Actually I think it's turning its neck straight.

Yeah, it's turning bigger.

THOMAS: I think he just pick that out, right?

CAROLINE: When will it get out of its cocoon?

EMILY: Oh, you think it's in a cocoon?

CHILDREN: No.

RUTH: I think it's making a cocoon.

LUCA: I said it was making a cocoon.

CAROLINE: It's getting fatter. It's head is getting fatter.

They have cocoons already.

LUCA: Caterpillars that are hanging don't have cocoons, butterflies have cocoons.

Why does it just keep wiggling?

LOUIS: When butterflies hatch they don't have a cocoon again.

LUCA: I know that.

LOUIS: But why did you say butterflies have cocoons?

THOMAS: I think it's trying to pull itself up.

RUTH: Maybe this will be the cocoon and then the cocoon broke.

EMILY: Oh, Thomas said it might be trying to pull itself up.

THOMAS: Look, look, it's swinging back and forth to try and get to the top.

LAURI: Oh, do you ever do that on a tree Thomas? Swing back and forth and try to pull yourself up?

THOMAS: Yeah.

KIERAN: And when I climb I pull. When I'm climbing, I'm trying to pull myself up.

LAURI: Do you ever swing back and forth?

KIERAN: *Nods.*

KATIE: I play on this playground that have the same thing where you can do a flip and you swing backwards...I jump and pull myself up.

RUTH: Everyone look.

EMILY: Ruth is saying, everyone, watch the screen. What do you see?

IAN: You see it untangling.

It's getting bigger.

KATIE: No, It's growing.

IAN: And it's turning its neck.

It's not.

It's getting bigger, actually. It's getting bigger.

No, it's getting shorter.

EMILY: Look at the bottom. Do you see something?

It's getting bigger.

No, it's going green.

That's its cocoon.

That's it making its cocoon.

CHARLIE S: I was right.

It's making its cocoon.

EMILY: How is it making its cocoon?

KATIE By wiggling.

JACKSON: Its wiggling it out of its body.

LAURI: What's telling you it's doing that, Jackson?

JACKSON: Because it's wiggling so much.

CHARLIE S: The head is going in.

EMILY: What's that stripy stuff? What are those black stripes, what are those?

KATIE: It's part of its body.

LUCA: It's skin.

EMILY: Oh, Luca thinks maybe it's his skin.

JACKSON: It's like mine.

LAURI: It's like your skin.

KAYA: Wait, so, so the green part is his back, but it's actually the cocoon so part of his body is going out into a cocoon.

Yeah.

LAURI: Woah, so is the caterpillar still there?

IAN: Woah, look at that green thing come out.

LAURI: Look at it.

LUCA: When it comes out, he goes in.

TRAVERS: No, I think that, I think that's actually his body.

EMILY: He doesn't need to go in because that's already his body? Is that what you mean, Travers?

TRAVERS: No, no. That's the inside of him.

KATIE He makes the inside into his cocoon.

LAURI: He makes the inside into his cocoon, Katie said.

CAROLINE: See, see, Charlie was right.

LAURI: Charlie was right. What do you mean by that, Caroline? What did Charlie say?

CAROLINE: He's holding onto the cocoon. See those stripes? He's holding onto it. He's making it while he's holding onto it.

THOMAS: It's getting, it's getting bigger.

CHARLIE N: Guys, he'll be gone soon.

LOUIS: It's getting shorter.

He's carrying it.

RUTH: He's going inside the cocoon.

CAROLINE: Hey, look!

CHARLIE N: He's trying to get into it!

LAURI: What's making you say that, Charlie?

CHARLIE: Cuz he's pulling himself up and that's getting greener and greener and greener.

EMILY: So some of us are thinking the caterpillar is making it and then will go in. And some of us, like Travers, are saying no, that's already the inside of the caterpillar. That was the caterpillar's insides.

TRAVERS: Yes, that is totally the inside because I know it's wriggling up tinier.

LAURI: Oh, it's wriggling up tinier.

EMILY: That's what Luca thought might be its skin.

CHARLIE S: No, it's still not big, but is going into its cocoon.

RUTH: It's trying to get in still. I think.

It's pushing itself.

LAURI: It's still shaking too, isn't it.

EMILY: It's like a little dance.

CASE: I think it's killing itself.

CHARLIE S: It's not.

EMILY: What makes you disagree? You can say, I don't think so.

CAROLINE: It's taking a part off so it can go in.

LAURI: It's taking a part off so that it can go in. So you think that black part is going to go into the green part?

KAYA: And turn into a butterfly.

EMILY: And turn into a butterfly. You are thinking about what's gonna come next.

JACKSON: I think he's dying. It's because skin comes off.

TRAVERS: Let's see if it's hatching.

RUTH: I know what it's gonna turn into.

LAURI: What?

RUTH: It's gonna turn into a butterfly, silly!

CAROLINE: We're gonna see a butterfly.

TRAVERS: It's almost done.

LAURI: Woah, now we are zooming into that top part. It really looks like it's pushing, doesn't it?

KAYA: It's going together.

LAURI: What are those parts that are hanging down? Those black strings almost?

CHARLIE S: Oh, those are legs.

LAURI: Those are legs.

CASE: No, those aren't legs.

LAURI: No they aren't legs?

CASE: They're whiskers.

LAURI: Oh you think they are whiskers. Somebody thinks they are whiskers, somebody thinks they are legs.

LOUIS: It's so they can stay on the cocoon.

LAURI: So they can stay on the cocoon?

KATIE: It's not whiskers. There's no whiskers.

LAURI: There's no whiskers, Katie says, on a cocoon.

TRAVERS: Or maybe it's its poop.

LAURI: Or maybe it's its poop.

TRAVERS: That's *huge* poop for a caterpillar.

LAURI: Wow, now it's really wiggling. Look at that!

KATIE: ... it wants to be a butterfly.

LOUIS: Maybe it's the stuff that was coming off the butterfly that was really, that was the other one, um, that must have been that stuff, the green stuff.

JACKSON: It almost got in. It almost got in.

LAURI: The green stuff? (gasp) What happened to the black stuff?

KIERAN: It went in!

LAURI: It went in you think.

LUCA: But then why is it still wiggling?

LAURI: I don't know.

CHARLIE N: Cuz the caterpillar's wiggling.

LAURI: Oh, you think the caterpillar's still inside this?

CHARLIE N: Yeah.

LOUIS: And it's trying to get that stuff inside too.

LAURI: And it's trying to get that stuff inside too. It's wiggling really hard to get itself in...Ours don't wiggle like that. Ours are staying really still I notice.

TRAVERS: Because this was a long time ago.

LAURI: Because this was a really long time ago.

IAN: It's going to get dizzy.

LAURI: It's going to get busy? What do you mean by that, Ian?

IAN: Like you know how you get dizzy when he's spinning.

LAURI: Oh yeah, oh you think it's gonna get dizzy. Oh. Oh, I wonder if the caterpillar will get dizzy, cuz he is spinning.

KIERAN: (to Emily) Is it opening?

EMILY: Oh, Kieran has a question. Ask it to the group...Do you want to say it? ..Do you want me to say it? No?

RUTH: It's trying to pull the cocoon up so the rest of his body can go into it.

LAURI: It's pulling the cocoon up so the rest of its body can go into it. Kind of like going into a sleeping bag.

CHARLIE N: You guys! You guys, there's a top on top of it now. And the hanging thing is keeping it up.

LOUIS: I guess when it comes out it's gonna be a butterfly.

EMILY: What's the top on top of it? Where do you see that?

LOUIS: I guess when...guys, guys...excuse me! I guess when it comes out it's gonna be a butterfly.

CHARLIE S: They're sticking.

CHARLIE N: Like a little lid.

EMILY: Oh, I didn't hear you Louis, what did you say?

LOUIS: I guess when it comes out it's gonna be a butterfly.

RUTH: Wiggling, wiggling so it can turn into a butterfly!

EMILY: Kieran was wondering, is it opening? And then she said, it's closing.

It's stopping!

LAURI: Oh, it's getting still, what does that mean? Oup, a couple more wiggles.

EMILY: When we see chrysalises in the tank, do we see them moving?

CHILDREN: No...(gasp, video cuts to an image of the hardening chrysalis)

LUCA: It turned into a real chrysalis.

CHARLIE N: That's what ours looks like!

CAROLINE: But we didn't get to see it turn into a butterfly!