Daylene Long ([00:15](https://www.rev.com/transcript-editor/shared/wxoY-itcTrZOV8Uxhb2YEpTJkQp-PxmU-LKXr2YfycjD02Jt-eaj8yZ3FATGcnOU2qgUCAH9dFrqvUr3SEYlB6VmVx8?loadFrom=DocumentDeeplink&ts=15.04)):

Jennifer, Jennifer,

Jennifer Hofeld ([00:32](https://www.rev.com/transcript-editor/shared/ZEBoPsC8lJVNjYlRmSj9gvHUZKnJ127eAE9dIuvdXMdpkysLW8nETuTCQhTAxXxLyCq4CtaAIS_dE-O_O6cOqEk3MU4?loadFrom=DocumentDeeplink&ts=32.67)):

I had to unmute, but I had to agree to record first. It was being weird.

Daylene Long ([00:38](https://www.rev.com/transcript-editor/shared/iYwccQhAG96-kb6CUub23Lw0aIxDgOXJvVoIakGPrqVQ43YpVuyA4lUZxc98R1bTZBm5Q4L4g-Syk_V2yOMJDIyX0LY?loadFrom=DocumentDeeplink&ts=38.1)):

Yes. I'm So sorry. The end of the day distracted me and I forgot. Well, I can hear you, but I can't see you. Are you able to come on

Jennifer Hofeld ([00:50](https://www.rev.com/transcript-editor/shared/_rid1_lyBwyKEZ1YR2IgVAcbgthOhD-m7r5JQnPVPgxGUIsTwcSlM0la_Z2DsNEmTBxV9mG9D0hyh3LTOtWisaOEqeY?loadFrom=DocumentDeeplink&ts=50.61)):

Camera right now because I'm driving.

Daylene Long ([00:52](https://www.rev.com/transcript-editor/shared/z2zKSlL3KZSHyCPNwmjlZ2Q_vVvsXJqNPeltwUHtgMvH_N2Ka2jog-j3Vu5HeNpw0AXYxIUpRXMIdYz9BchBhWbzMxY?loadFrom=DocumentDeeplink&ts=52.68)):

Oh, okay. Alright. Do you feel like you're safe or do you Oh yeah. Yes,

Jennifer Hofeld ([00:58](https://www.rev.com/transcript-editor/shared/i_EaMPw35Q-0d22_Th5onr90zPYghhdGI9O_Pvbdbx74fi_2EL8alR5bCMJaXaE8UE3-xVGkuuczrG6AFU0-6jhStGs?loadFrom=DocumentDeeplink&ts=58.56)):

I'm good. I do this frequently.

Daylene Long ([01:02](https://www.rev.com/transcript-editor/shared/PiqVK3OA9wSsJoy1X7sE6VJ3xe7KfOBt8iDEOpDeAV4wx_2T5TEVs_v1KsbK9SI6HpHeAy-oo4EipUmwRN6yI_uSWsg?loadFrom=DocumentDeeplink&ts=62.64)):

I sat through

Jennifer Hofeld ([01:03](https://www.rev.com/transcript-editor/shared/4vyuMt1WhrmqLU81xEHh6Y9ZbOjbzGEXy5qsTNEBeT3BsuSx-Tf3FAkqwYibG6m2ju_HkY2PSBQaNKCum_UslERU9ks?loadFrom=DocumentDeeplink&ts=63)):

Phd classes behind the wheel.

Daylene Long ([01:06](https://www.rev.com/transcript-editor/shared/3ZJAsWeMk4GTN3L3-iO_st-B3c27Ea1Si66tpQN9_EGWCkNcSpTxCv1eGo40Khlu06ytt1_WuLhTtwJFibWeIdlsxbM?loadFrom=DocumentDeeplink&ts=66)):

Oh my goodness. Oh My goodness. Sometimes they start early before I can get home from school.

([01:11](https://www.rev.com/transcript-editor/shared/pmfg6yotix_DtOx6cRPpoD45OhFtdg3Va-BAzui2KoXMRtRF4mtAHVFN1k81fQiKq3ldzwReOaZefrBUlLYXz-IYMeg?loadFrom=DocumentDeeplink&ts=71.68)):

Yes, yes. Okay. Well, thank you. Thank you for being diligent and us figuring out how to get this together and that sort of thing. So I am not daily long. If you are able to see your screen, I'm Kim Herder. Okay. Daylene and I are usually partnered together. Daylene is our lead researcher and I partner with her and usually you're doing the behind the scenes stuff and pop in on a, but she is incredibly ill and so I didn't want to postpone you again, so I said, let me take it and then she can follow up next week or whenever she's back if I leave some gaps in it. Okay.

Jennifer Hofeld ([01:52](https://www.rev.com/transcript-editor/shared/XK3anEeIx8Gm1P7oA2LO5qCaUY50qyOUxeuTao-FFIOUfPM4T74ZPJWt4uCSnrrNh17FHnAfP-KsgHOz8jLxIVCPwfE?loadFrom=DocumentDeeplink&ts=112.86)):

Sounds great.

Daylene Long ([01:53](https://www.rev.com/transcript-editor/shared/JylkEn5eSmOilk8dNFC0f0qw9RVMBvVkS0iE0sE42huU_m4dysUlaanDeBhcrstddgu-D8W1jPibfdSn-Md8s_t4JFw?loadFrom=DocumentDeeplink&ts=113.85)):

And I will try to make you, we are being recorded. I'll try to make this a little bit shorter because you are driving and I don't want to do that, so I'll get right to the point here in a second. But a couple things I need to tell you first that yes, we're being recorded and this recording will not go anywhere except between Daylene and myself using it as a keeping track, making sure I don't put any words in your mouth and that we've got everything good there and that this research study is privately funded, that we've been hired to look at education, classroom education, kind of pre covid and what it's doing now. And we're talking to teachers, administrators, superintendents about the change and where it came from, where it's going, but most specifically how that is impacting you. And then also this is coming from the client provides resources and to talk about how you figure out what you're going to teach and then the supplies you need to do that, where you go to get 'em, that sort of thing. So if I ask questions that seem redundant or very particular, it's helped some educators to think about it like I'm doing a documentary and that I need to go back and really detail as to how decisions are made and what it looks like now, what it did look like and what might be into the future. Okay. Are you comfortable with that?

Jennifer Hofeld ([03:39](https://www.rev.com/transcript-editor/shared/_ETk3-UaKqfVwcVkbkd3tFL6JtEz-s3SbQWo5YUwss-lxYH_vnwfG7OeA2wgjR7oSDQ-2HrlBhjZVa1ELbLR6PHBFxA?loadFrom=DocumentDeeplink&ts=219.79)):

Yes, ma'am.

Daylene Long ([03:40](https://www.rev.com/transcript-editor/shared/r06qM7JRVj-8-8Uh44yFODK8Hs-R-b23mE6bX7lquwcfwOksYfO6HBCbNcMXpuPz9pYl9AM-FlrnPSOq666ORvNuFH8?loadFrom=DocumentDeeplink&ts=220.9)):

Okay. Well, if you can take a minute and tell me a little about, so you're in Oklahoma, but tell me your school and what you're teaching and how you got to it.

Jennifer Hofeld ([03:51](https://www.rev.com/transcript-editor/shared/qZ8nwApNd_JA1PRXLs-aLgIHoOW52Eq2s6BmcNR-AYKRaRc5dCSLSXJTRx3g1NQ5GJ9LBa602XQWgCofyzoR-t-MbQM?loadFrom=DocumentDeeplink&ts=231.28)):

Okay. I teach in Hara High School, which is a, we're not really rural anymore. We're really more of a bedroom community, which there's not ever a box to check there. We are not a suburb, but we're not rural anymore either. And it's a smallish high school. I have about 600 students in the school. I teach about 150 of them. Biology one, I have seven sections of bio one and one section of honors biology one. It is my hometown. My kids are the fourth generation to graduate from parent high school. So that's how I ended up there. That's

([04:34](https://www.rev.com/transcript-editor/shared/HJoDxUhaT23fpkg1dft1K-yc2JwsvUp60DRiRnR5tNTg5T0MuLsgl6kft-1Lcc35Cj-SZpr_6wXimQ1c_U0DEZQLNGc?loadFrom=DocumentDeeplink&ts=274.65)):

My road to being a biology teacher is a little more winding. My undergrad is actually in English literature, and then I have taught English, French and math for many years. And we did some restructuring in our schools and I had taught at the junior high, I taught freshmen math at the junior high for many years, and they moved the freshmen back to the high school and brought sixth graders up to the junior high. I said no, there was not a math or an English position for me at the high school, but they needed a biology teacher. And I had been really involved in some different STEM projects and I said, okay, I'll teach biology. So since then I've done a master's degree in biology and I'm nearly done with my PhD in science ed.

Daylene Long ([05:27](https://www.rev.com/transcript-editor/shared/He9CQeQWDgbyOHczmAlIuBi7LMA2aJq0EQWelpbSIS858pT87O3g1cJAZ3o1rkaWR-0kwH_p8Oiptwo_AEliK_JlhJk?loadFrom=DocumentDeeplink&ts=327.31)):

I am in awe. That is incredibly, and it sounds like you're a mom then too, so Yes.

Jennifer Hofeld ([05:33](https://www.rev.com/transcript-editor/shared/-2ljhu_Jp7LEU08h7nza3sme48u8e3XIEe7Uc7Vty6K-fnytZm8slz2okADWtOVJ88Mr42NZQKSAHz4Qlu132Sv75YM?loadFrom=DocumentDeeplink&ts=333.46)):

Yeah.

Daylene Long ([05:35](https://www.rev.com/transcript-editor/shared/KinOeZ_1M9AoKBM8Y-c1om7t3StnVATYQpPIWtldEJjP5nTr0RFX02rqWzXNVTDUzN8HIMhgYP1W8Hw40mQrSYUoGPY?loadFrom=DocumentDeeplink&ts=335.2)):

Fantastic. Fantastic. Well, tell me about, so when you were asked to teach biology, it sounds like before you started your master's, correct?

Jennifer Hofeld ([05:46](https://www.rev.com/transcript-editor/shared/lsbeiORittlB1DMw1lAymsWcB8Bv4jAmpBnPjd-gvJ0cmT2FciTOpxhOiA_Oc3lvmOkmQWgBoGMRkVRVgrDN4vCuCJk?loadFrom=DocumentDeeplink&ts=346.3)):

Yes. Okay.

Daylene Long ([05:47](https://www.rev.com/transcript-editor/shared/n7qQe35JshwrxzigFEmFrA0OpVQgwzRGCIRFVkYiegOdusv0IvC6_GnmliQcKXDtRlXtxzjNptW-_vKT_lStshCjrrM?loadFrom=DocumentDeeplink&ts=347.71)):

So how did you decide what you were going to teach?

Jennifer Hofeld ([05:53](https://www.rev.com/transcript-editor/shared/_6vdmH-cYGx7AQ1Im8IT6aAKK-vFHxvtNr7nBySBtaREWRSB9Za8eGkGSLE6P3hU37GcFYjL5oRC7nmnIqHLawHA7fs?loadFrom=DocumentDeeplink&ts=353.47)):

Year one, I got out the textbook and I went from chapter to after year one when I had my feet under me, I really looked at the Oklahoma standards and figured out what I needed to teach from there. Like I said, I've been really involved in some different STEM projects and was just one year, I think I was at NSTA and I think that's where I was introduced to it. I'm not at all sure. And I started learning about storylines and I found the Illinois Storyline working group and fell in love. And so for the last three or four years I have taught the Illinois storylines, which are NGSS based and Oklahoma standards are close enough to ngss. I just roll with it.

Daylene Long ([06:50](https://www.rev.com/transcript-editor/shared/pOVpjO6Eq5VYelMSO2-ZrhsmERENEkRLbn6-JA-DdP07T5If7K2QomKu24AMO_03tPBhd8Amh4AHKA-3KlH1Zs7GCfk?loadFrom=DocumentDeeplink&ts=410.15)):

So a couple of things. So with that, how do you get the things you need to teach the class, the pipettes, the arena, whatever it is, or is it kit based? Let's start there.

Jennifer Hofeld ([07:07](https://www.rev.com/transcript-editor/shared/utGIB_2lAp8McDpwJdr0dYMxrxZYu3YN2xLRJR-03Vb6DwgIo5vz5ONmgbRPCJxcen2SFkq9nQtLITBQ1TU-MHmlLQg?loadFrom=DocumentDeeplink&ts=427.67)):

Okay. It is not kit based. It was written by a group of teachers

([07:13](https://www.rev.com/transcript-editor/shared/qXmCDPTUXygvIlsqhf1h3PCEiJ0vBjTkT3asEszRLLdhQV0OWTU2g4TeDwIEuxIyZd9E4MAM6_dACOu69qSBo5EHqyE?loadFrom=DocumentDeeplink&ts=433.28)):

And there is a decent supply list that comes with the storylines that I kind of look into each lab and see what I need. And I teach in a sort of rural high school, and so I beg, borrow and steal, but I can, I'm fortunate that we have a educational foundation that I get a grant every year, a small grant, and so I source the things I need, the pipettes and that sort of thing. I price 'em. Some of 'em are Carolina Fisher Ward, some of them are Amazon. So two questions. And Then when the funds start to run low at the end of the year, I ask parents to send them.

Daylene Long ([08:06](https://www.rev.com/transcript-editor/shared/HvFEtcRxiy2KDhg5GCvlSHUivUhsh_o0v0PO-XhCBdBkNtG7VtS9YFQOA_MuhtUnv-GMJu1jIHsvBZNlgkGEka4Suok?loadFrom=DocumentDeeplink&ts=486.56)):

Yep. Keep doing more with less, so yes. Okay. So on that your grant, can you kind of depend on a budget for a certain amount or how does that work? The

Jennifer Hofeld ([08:22](https://www.rev.com/transcript-editor/shared/WJRPpI2HKQIFwQtTecsd_sfs294TX8pr4BCwdpBxr6tH7SAnX-r5l-sAjmeBB2xAwWn5IED91t4xKla76sH74kEhxIc?loadFrom=DocumentDeeplink&ts=502.1)):

Only budget I have is the grant and I have gotten it every year. I've applied for it. It's a whole $500 to last the whole year for 150 kids, but we also recycle a lot. Hey, wash out that punch cup using it again next class period.

Daylene Long ([08:43](https://www.rev.com/transcript-editor/shared/2FWyFfwVPgBLpFAL6cT_9S5rVvjjno_0hQsCLJKRM2dwDeN0G1-exQo9jWZpqcLEQf0qsjprIKI34O6K8vasUOl58G0?loadFrom=DocumentDeeplink&ts=523.61)):

Wow. Okay. Going back to the curriculum you're using, and you said it does come with a supply list?

Jennifer Hofeld ([08:52](https://www.rev.com/transcript-editor/shared/5wEwfC2fIXlsN1_imMvvRsHkyzLMciauOj_2V-MmQMVCJl_PP84PoB63kTIKYghkI-lskEp-4hUyq7zk1vEcQZbJGVE?loadFrom=DocumentDeeplink&ts=532.07)):

Yes.

Daylene Long ([08:54](https://www.rev.com/transcript-editor/shared/bHBzExJnDJWjrmND_LfjIQXFFwLYVyhAojmAkTzFjDCLxG938_XvJyaYXpItlZIf5Y0AHWn_WUz6MJGmxJNXcvUuQVQ?loadFrom=DocumentDeeplink&ts=534.05)):

Do you order through them or do you go out on Amazon or

Jennifer Hofeld ([08:58](https://www.rev.com/transcript-editor/shared/j6jZk-Tod0pQ59GORV4gRk2miObdkeEy8XpFHu343pCvxdgiGWFXJX5pRJltUnoqFB50VaRZZjh-wduaSP4hOXjbM6E?loadFrom=DocumentDeeplink&ts=538.65)):

No, I look at Amazon or Carolina, whatever, and I try and compare prices.

Daylene Long ([09:05](https://www.rev.com/transcript-editor/shared/i_YqoHW-UUDiu9c2HNMHjqyeIvVxP6G3k3_4ysQQuztjnpLtzl3COHNNxchjCmdDX42xlT1iKGQRvWb_aMatl-rNlhg?loadFrom=DocumentDeeplink&ts=545.7)):

And then do you have a favorite vendor or a favorite Or what makes 'em a Most of my things,

Jennifer Hofeld ([09:13](https://www.rev.com/transcript-editor/shared/K52kQ5HyTsjDMDYFIqkxJIWabhWLaTti3YrkOTA8kyJGVL2TLhoXOH28FBeXe4OpAhhdK5E_A3FENg9tpxU8tu1xocE?loadFrom=DocumentDeeplink&ts=553.86)):

Most of what I need is pretty basic. Not a lot of it is specific scientific equipment. So really most of it comes from Amazon because with the shipping, it usually ends up being the cheapest source.

Daylene Long ([09:27](https://www.rev.com/transcript-editor/shared/lK7cFoXWHM4OxuAvHznMG9pzi6MXnbWfDsDB7r3moALmzfajFcNTdoxXyfH2_425m6wwASBUtAijEeCYYmqer7IwVXE?loadFrom=DocumentDeeplink&ts=567.24)):

Okay. And again, this is going to be one of those detailed things when you go to, because that's what they're looking for and how to make this easier for teachers and trying to figure out what habits are now and where we're going. So what works for you there or what could make it better once you've compared prices and you decide you're going to buy something or how do you, the comparisons and then how do you decide you're going to buy it?

Jennifer Hofeld ([09:56](https://www.rev.com/transcript-editor/shared/_XizVkq8vPe09o_gqyQoMSbUE0vRbKycJA6l-U6xa_1Flmc3FUJ2-6ymHqN4rjdlFpxyPhv73tawliQiXOIx_B4zaMQ?loadFrom=DocumentDeeplink&ts=596.66)):

I mean, I look at what I need and just check two or three of the supply companies in Amazon and I choose the best price with shipping. I do find sometimes that if it's something I want from Carolina or Fisher or someplace like that, sometimes the shipping time prohibits me from getting it there and I end up on Amazon spending maybe a little bit more, very rarely, so I can get it in a timely manner.

Daylene Long ([10:28](https://www.rev.com/transcript-editor/shared/XdWxqlxzggh55WS2iqMwiEQ32wQihVCeAMcHtLVXZr2AbwDp3nL0yQiQHnIb2pFnNUJQTx5OI7ALSBKXEQcvoKe-aLg?loadFrom=DocumentDeeplink&ts=628.35)):

What's your idea of timely? I

Jennifer Hofeld ([10:31](https://www.rev.com/transcript-editor/shared/7Jnd7t21qmPnUK117xmzRtw1zIgRIKMItUIdS9cgr0wq60dJ-GSjIo0GgqnfA2piRDKyD5YIvy5giBev7jh7qwywxHc?loadFrom=DocumentDeeplink&ts=631.95)):

Mean, a week or two.

Daylene Long ([10:33](https://www.rev.com/transcript-editor/shared/Kass1lbErlM22fe64u1AQbcqoK1CC0EmluETBIjZY9Ux_j-lVt_Cqv2iGgNKngj8Fk6IzEDei8absmied9P-uTvw4-o?loadFrom=DocumentDeeplink&ts=633.63)):

Okay.

Jennifer Hofeld ([10:36](https://www.rev.com/transcript-editor/shared/P10wPLA7SzN_ztSkM-xmVoxekma45vuHJWd9XdD9_8Mt18Tn-kuhhfcgOjl9O7ExxSGPPR7UejB8jgrmVn0USWrzp-U?loadFrom=DocumentDeeplink&ts=636)):

The one thing that I do typically order from one of those companies, we do dissect sea urchins. And when I went to order them this year, some of them were going to take me six weeks to get them. And I thought, well, that is, we're going to be done with the unit by then. And I was actually able to order my sea urchin specimens on Amazon this year, but I think they came from Ward Scientific through Amazon, so it just doesn't make any sense.

Daylene Long ([11:07](https://www.rev.com/transcript-editor/shared/uIB3KAOZJ9b4gC0L56hShktYdOWvoxIYFOdXbFJBdDa4NEauP2QcsBOoCsk0g2iUn6Hjnp6pTK-xOlZUYxiU7FRVERE?loadFrom=DocumentDeeplink&ts=667.5)):

Can I ask, how did they arrive? What was their condition? Were you happy with it?

Jennifer Hofeld ([11:12](https://www.rev.com/transcript-editor/shared/JraIodt2T5U3B15PzUS5quwPQd1XnOCc7pvJJ0Ro1qw_AKllJW7n-kzrSMzSfMZOjrN3TzXdhzGJ6XFZByY-TsRe3-w?loadFrom=DocumentDeeplink&ts=672.72)):

Oh yeah.

Daylene Long ([11:14](https://www.rev.com/transcript-editor/shared/K0WmkHL5-pXI24cnOMY_L-mhCsfuCrjdDOKykhkgFBeYqZV2P1BECMVkaKGPyCbqDEcX2V9Bcts9cWEfMSJGdKStEmA?loadFrom=DocumentDeeplink&ts=674.25)):

Okay.

Jennifer Hofeld ([11:14](https://www.rev.com/transcript-editor/shared/TpkbZoNrshniq-PddEWvxIJp9Wa6tuO1oGOT-qbfQNrwHhP0xUmWXKSwDGmaY3XJC_SBHR2J6YCOkaMIRF-snYgr_R4?loadFrom=DocumentDeeplink&ts=674.82)):

Yes. Well, you know what? One bucket, and it looks like it had been sealed poorly in the factory, one bucket arrived and all of the solution was out of it. It was just the urchins in there, but I just emailed Amazon and they shipped me a new one.

Daylene Long ([11:33](https://www.rev.com/transcript-editor/shared/z6GZaVxivHWD3d-a2tCAms5NU4IG-Tdh0bS1qqcXjlZu3B-EqC3CnAwftRYnzAaaPMCZE1QbJFe_8r3N4skya1HD0HQ?loadFrom=DocumentDeeplink&ts=693.24)):

So customer service is a big thing?

Jennifer Hofeld ([11:36](https://www.rev.com/transcript-editor/shared/cwoUrnX8KQ6wKvdkAGaZ5PZpZd6qBOJZ975StcqU0wA6R1kGPyRxcV5YfWTptwzPUqBW9T2ajJ28cZGBPBCFaRaJjzc?loadFrom=DocumentDeeplink&ts=696.66)):

Yes.

Daylene Long ([11:39](https://www.rev.com/transcript-editor/shared/5Z9HlUunIenppryLXN53aF3STg7zpppIky_bHWmBSoWOjZQ5qEWyu-sybpQe040dz8zocGxN4AM2Fj3MYRGUkIsf0do?loadFrom=DocumentDeeplink&ts=699.3)):

Yeah. Okay. So there was a mistake. I don't want to put words in your mouth, but okay. You ordered it, it got there on time, then there was a problem with it. You called them up and they made it right?

Jennifer Hofeld ([11:53](https://www.rev.com/transcript-editor/shared/hC9nOk4c5DGR1Vq_voHtiqdRjh1QYoq6iRSha3tluqbB-8J7qSWIf9pLBswGc7lQJXkZTqZEmqQK65YXVhtWt77cI7o?loadFrom=DocumentDeeplink&ts=713.8)):

Yes. The new one arrived in just a few days.

Daylene Long ([11:56](https://www.rev.com/transcript-editor/shared/PewvPgW0Mk1yv_lzB8IQBi0YF39D7MXeJTC7X8YRY3bMp9ZDvzEjlhxzVqnzJAPvUL5PIqZyVA25J6LI7pJHR4NNl1U?loadFrom=DocumentDeeplink&ts=716.53)):

Fantastic to hear those things. Don't care who. Yes. Can you tell me about if you had any bad experiences and what that looked like? Doesn't matter who it's from,

Jennifer Hofeld ([12:09](https://www.rev.com/transcript-editor/shared/QeKWotH_jiiT2sKUTxx0O_YaFiXFTmmIowCoY8wlmtWY1Xt9u9L6ymABG_2DnE5oovmaRXE4zF9CTb7hrBtoNarXLN0?loadFrom=DocumentDeeplink&ts=729.16)):

I don't think I have.

Daylene Long ([12:10](https://www.rev.com/transcript-editor/shared/MhKeKIv4B7XvwDpHzCBumSWOlk-muc4L4oFoqOVBmU0CEcw7nihnny_shn1nmdXY4YimHlqL0ItvIUj7t-IGBdQHn-g?loadFrom=DocumentDeeplink&ts=730.87)):

Yay. Yeah. Okay. Do you have a favorite, if prices were all even, is there one you would say, yeah, I trust these guys. That's who I'm going with.

Jennifer Hofeld ([12:24](https://www.rev.com/transcript-editor/shared/mqIL0nmjtdgH_vBmyxwGKlDRv0Ns5vR9U8MXvfR3zGpYMgjhYZSU7zXiEQ_Q43AmBn0947ARiowkbSLjz2-NHdiy5fk?loadFrom=DocumentDeeplink&ts=744.79)):

Probably Carolina, but I mean because who I have ordered from the most.

Daylene Long ([12:32](https://www.rev.com/transcript-editor/shared/h9RjN8x_H4hyVH2vgtxbVjaswML1Sw6ephIAQed5JM51NILeKGtZvNPCP4E7wP0d3BqReqo6LkTBYIMERn1guqR7TJ4?loadFrom=DocumentDeeplink&ts=752.05)):

When you are shopping for something, are you looking online? Do you have a catalog you keep on your desk? What kind of shopper are you?

Jennifer Hofeld ([12:40](https://www.rev.com/transcript-editor/shared/YcwwlHSFb18kMNHhGDMVG_AYMA02LOkm7wju15PbUc1mx1e2EuFjaFghNvvw60uATT0-cPLhLTb36f7k2p1MENT--WU?loadFrom=DocumentDeeplink&ts=760.66)):

I look online, as a matter of fact, there was a catalog I think from Carolina in my mailbox today, and I just put it right in the wastebasket.

Daylene Long ([12:48](https://www.rev.com/transcript-editor/shared/b9R8LKd572igHH410qPcvzv7KwkxQyeavy2MQWBot0ogBadb42Jjd8bobN-8WltK9WDbyLxMYxH1IE3WAFBeD-pteM8?loadFrom=DocumentDeeplink&ts=768.91)):

Okay. How do you find new things or how do you go through that process? If you say, okay this year, or I want to change this up for next year a little bit, how do you go about deciding you're going to do that or if you need something new for it?

Jennifer Hofeld ([13:09](https://www.rev.com/transcript-editor/shared/OOwnMXR5GQDqNrI1VdvDwczLOVKljxCemdh8r-FE5kMiLiD0FzrhpBm1Te2cTsHxaCdAVsCDTZ7iQ-07STeBOkouiUY?loadFrom=DocumentDeeplink&ts=789.79)):

Every year I try to go to either NSCA or NABT,

Daylene Long ([13:15](https://www.rev.com/transcript-editor/shared/Ip6VnqfgiRMHbNZbqQ_eV8LDdAJMt5OnpJJfVVF_GwiA0pq44ojaUHNlWLEikGrE4jumbO0PwgTAEkJ6_NpjNe6bedc?loadFrom=DocumentDeeplink&ts=795.94)):

And that's

Jennifer Hofeld ([13:16](https://www.rev.com/transcript-editor/shared/XnBAJr1OGNaH4lMfAbV7ee6xqI-lLZf8flWRp2FYZo2SSuPNZTjAA-ebX1iYXW4C8Fl4Vh_ZlHxSNPNgy4BB-BoEvUs?loadFrom=DocumentDeeplink&ts=796.54)):

Where I find the new stuff I want to do. I spend a lot of time in the exhibit hall.

Daylene Long ([13:22](https://www.rev.com/transcript-editor/shared/p0vjz_Pj9ApI86HZdIYc1vCnLXIVAijHuTZ_RpXC-Ktd52utPJQQYg_bKIzPROAYwss0UdvRbEr6O3B3gvRs-Q1N1y8?loadFrom=DocumentDeeplink&ts=802.66)):

Is there anything that those, okay, you're a little bit interested in. One of them is what do they do for you or what would you like them to do for you when you've shown up at their booth?

Jennifer Hofeld ([13:37](https://www.rev.com/transcript-editor/shared/1vLghy9S6toXdGuvJm0v00dFx3T7emuy9ln3k3_fcNYx-wmbXXbW8Mcu17uFr3Udo2o52t8V4x2T92AYiqCa7-Uxk3A?loadFrom=DocumentDeeplink&ts=817.45)):

I like to see what they have new and have them, A lot of them have, I'm always drawn to the ones that have labs out and running for me to play with when I get there. Ward and Fisher do a really good job of that. If I'm remembering correctly, there's a couple of the companies that have a really large booth and they have lab stations out with two or three or five or six, even different labs running, and some of them have a scavenger hunt for you to go from one lab to the next and prize when you complete it. Of course, we're teachers, we always hit up the booths that have prizes and free things they're giving away.

Daylene Long ([14:25](https://www.rev.com/transcript-editor/shared/jN8jbj-mspZJ6Sgf8eIq73all_Wl2sHYrKVBezJRjHADfqTP1Lg63Jndwa9Ab2RQJYcAVgBQS-hYjjWoDf_hhlXwgV8?loadFrom=DocumentDeeplink&ts=865.24)):

Okay. Going along that. So I'm kind of following that shopper, that experience kind of stuff. So knowing that, what would draw you into the booth and somebody you hadn't seen before, maybe it's somebody you had and what would be some of those freebies that would make a difference to you?

Jennifer Hofeld ([14:47](https://www.rev.com/transcript-editor/shared/oLSyCtFkgLnfDZ4Biy66kD99uZqwspcBMBulHwBdCrX9POY9m_67wW-El48pfwTU41qRsbf7NRcwTVsgZRA2qlSCO7A?loadFrom=DocumentDeeplink&ts=887.11)):

I mean, really I'm drawn in by them having stuff up running for me to Experience, get my hands on, see how it works. And the freebies, we always go for the pencils and the notepads and really a big thing lately has been the buttons my kids to get. I collect those sort of things and give them out as rewards for taking out the trash or whatever in class.

Daylene Long ([15:14](https://www.rev.com/transcript-editor/shared/cY3mdcNVZruUJd7JfjTjs_Z7kGFmlKs82neJ6zRCY59hrHEk-4pd6ikxibdLEO-_pCvPr7W7OyHsP8qBEfiqVnRROJY?loadFrom=DocumentDeeplink&ts=914.45)):

And

Jennifer Hofeld ([15:15](https://www.rev.com/transcript-editor/shared/PpKZPGoOfMLIhuqrJ95Cjnp3lOs3tOmhgCiWc4hSeXtjEPb4o11L_6wpqLsEWjcCcV2dONPuieVW1FBYhM4ac5NdNhQ?loadFrom=DocumentDeeplink&ts=915.41)):

Everybody likes the buttons.

Daylene Long ([15:18](https://www.rev.com/transcript-editor/shared/Ov9B6gd4ZDvxVb7fl_1YOXz-6wThZ221keXPMH3sljeJC9pfL-C6saA3eKzPSY-XRNlAw8e-cmfjHh9rvFyhTI1HqvU?loadFrom=DocumentDeeplink&ts=918.05)):

Does any of that ever show up in your orders when you, okay, would that be, would Make me

Jennifer Hofeld ([15:28](https://www.rev.com/transcript-editor/shared/vtgfn2_ns2HizUdmyWf15laXyCs6bf1ggVVRK0a8Htmf6RcK7pIl4gqARwuTSvQbaGNm0eRTwBWToCI4-qKmJwA1B4o?loadFrom=DocumentDeeplink&ts=928.25)):

Real happy if I open an order and it had branded pencils or buttons or that sort of thing in it. Yeah.

Daylene Long ([15:36](https://www.rev.com/transcript-editor/shared/Lqab13vFjp74dr9oalSidXIN_xYwQR0V2cR3q6plFiVE7Y3YnXJMO7nz15vG7poYIcp7lIFGls9Jk4uzQelAffq_yYc?loadFrom=DocumentDeeplink&ts=936.2)):

Okay. Yeah. All right. So now you're teaching your class, you've got your text. Are you still doing textbook or how do you do it now? No. Okay. No,

Jennifer Hofeld ([15:50](https://www.rev.com/transcript-editor/shared/FEqvFE7jKrhr_SYWABHeKRdPlO1eYXnw25TjqdvXogrKzZrtOikI9Nj5kB1V6Oj6IY_iFCGP69uVu7wU2R4b6FxLaSY?loadFrom=DocumentDeeplink&ts=950.12)):

I haven't. I've actually never used the text. Well, that first year I did, but

Daylene Long ([15:55](https://www.rev.com/transcript-editor/shared/PK5Nc2jEBMnJ19MyH5LnwHqWzDHT3wCX-kMM4nh9g_4EA8wmfqLIFYF6NZsu6u7y7L8esbcfwxmHnrTsUBerCNSgAhs?loadFrom=DocumentDeeplink&ts=955.16)):

No textbooks. Okay. So how does the kiddos, excuse me. That's what I call my students mom. That's what

Jennifer Hofeld ([16:04](https://www.rev.com/transcript-editor/shared/EBOl4UvDcCUJZK7puPqntGInBGvYxvKHigjWehZzdT7LWivcyndegKzKRSN9IUOYt3V30mmvzUFLocDKfKbAb59e0qo?loadFrom=DocumentDeeplink&ts=964.43)):

I call mine too.

Daylene Long ([16:05](https://www.rev.com/transcript-editor/shared/7y8Gklo-S9ZDm6NWZOmdvLv-EDPU5h8BMrk8d9nsAiRZRVaZ4A7r2iwUsqdnvvRiqtw2ohvypyV9p9SZGkdd2QwC2T8?loadFrom=DocumentDeeplink&ts=965.45)):

Okay. How do they know what to anticipate or how do you set that up?

Jennifer Hofeld ([16:14](https://www.rev.com/transcript-editor/shared/0H0pMsleH8AZgGWxdqhvB-f3oB4LFOax-1C0NLKOAiU99fsb3v2k4FQrUoHNv0me16QXanfmV4tvzBeOaLBzlyWowcU?loadFrom=DocumentDeeplink&ts=974.09)):

Well, in my classroom every day on the screen there is the driving question for the day, and then also just kind of the agenda today, when they walked in, it said there was a driving question around the carbon cycle, and then it said carbon cycle activity, and then the background of that screen has to do with the unit we're in. So right now we're in a unit that focuses on an ecosystem in the Pacific Northwest, and so the background of the screen is a sea urchin because it's one of the big players in that unit. Then all the content right now I'm delivering via Google Classroom

Daylene Long ([16:59](https://www.rev.com/transcript-editor/shared/ugwneZryVDdWmb_W_aUwUN00zhTxYWkl_SFeqEF4npBYU7PmgJPNYiZ41HU66wN7iOWul1br1_Fv099ETnhF-JLjl4I?loadFrom=DocumentDeeplink&ts=1019.81)):

On that. Okay. Google Classroom. What is your situation? Or talk to me about differentiating or scaffolding or if that you have those situations.

Jennifer Hofeld ([17:14](https://www.rev.com/transcript-editor/shared/9oISYsRobh4PD99fk89vNcL8LS00NVmP3ePBsnXk-5o43_mkhWWkwmumlaK1SHR0mRM20iVsVNf7X3tonWB6CKBkQ_M?loadFrom=DocumentDeeplink&ts=1034.93)):

Oh, absolutely. So I mean, typically what happens, all of the curriculum, I teach inquiry based a lot of labs, but also just they're making sense of data primarily. And so for example, today there were four different figures that addressed the carbon cycle and in questions to make sense of. So a typical lesson would be I introduce it or talk about what we tie things back to previous, all of that stuff. And then I say, okay, guys, we're going to look at figure one. I want you on your own without talking to your neighbors to answer the first three questions about figure one. Okay, great. Now I want you to talk to your elbow partner. Do you agree or disagree? What questions do you have? And then we come back together as a whole group and discuss them, and then we move on to the next piece. And so in that, there's built in, obviously a lot of scaffolding right there, but I'm also circulating the room, listening in on conversations, seeing who needs help, that sort of thing.

Daylene Long ([18:30](https://www.rev.com/transcript-editor/shared/bSKv1Egk9EOn_N9qA5qvk4mH7zIwpHPizRKsi07do1va13u9asvYA3Nqf5V_RjGkoDFehtekhbmfROdN32uIuXRhTv8?loadFrom=DocumentDeeplink&ts=1110.57)):

In doing these interviews, we've seen kind of a trend on, first I want to congratulate you because I mean, that's teaching us finest, but that's my editorial. Thank you. That distractions in the classroom and the evolution pre covid today, and just can you speak to that or have you had seen that?

Jennifer Hofeld ([18:59](https://www.rev.com/transcript-editor/shared/paw8lSM-58qSzIDvsc2C9FUTNHSY7FUNzd1bhk5T7C_QygiWSW0gPOUWYpxVBNXLHP3hTlbwtWBdVMWCzEiH926Blco?loadFrom=DocumentDeeplink&ts=1139.43)):

Oh, the distractions are, I mean, they're telephone, there's the distraction always. And so yeah, and post Covid, they feel just a little bit more entitled to do what they want when they want and just less responsibility is what I'm seeing in that regard, that they don't want to put up their phone because well, they were at home, they could do what they wanted. And then kind of hand in hand with distractions is attendance, it is abysmal post.

Daylene Long ([19:41](https://www.rev.com/transcript-editor/shared/7loxDtoiAhRtzHAwEFkbGGEoXdbNvwu-t02n6Pl3HJXyU4yt9A2EUTmvzOhGEl8uzY5h2DSHx8WZGOz2krYnjcA2Fy8?loadFrom=DocumentDeeplink&ts=1181.43)):

What do you do in the classroom? Because it sounds like you're doing hands-on things. How do you handle that? Makeup School,

Jennifer Hofeld ([19:51](https://www.rev.com/transcript-editor/shared/A9XR6peoRwaVKE8bGsstXWEAtJr3zQjj4LtJl9ldmbu1eHezLLyzDLAmixpLqNMe8xxNL_8Q1GW-n5i_IxAvGWbRAT0?loadFrom=DocumentDeeplink&ts=1191.51)):

We have a tutorial period before school every day from seven 40 to 8 0 5, and that is their chance to come in and make things up. I will tell them, for example, a lab, I will let everybody know that if you miss the lab, I'm going to have it set up Thursday during tutorial or Thursday and Friday. I don't set it up many days in a row. They have that opportunity and they need to take it.

Daylene Long ([20:23](https://www.rev.com/transcript-editor/shared/aPgRqs5bMyaWSAdx8md_I5Gc4jnS5Db699bLyQumRdjwMcwP_D4sCzMKHqslohA_aMzE5XdKbijeyOrv3ei7tqZevFk?loadFrom=DocumentDeeplink&ts=1223.82)):

Okay. Yep. In your labs, do you use kits at all?

Jennifer Hofeld ([20:30](https://www.rev.com/transcript-editor/shared/5s9Vtbn5pR1twTRhyfnkabbgsIAImsByttGBeHKcZz58hMhQXGk_GQZn-N7HS5Dyo827x7YCQ3fSLoZm1ZYjXZ0gdKg?loadFrom=DocumentDeeplink&ts=1230)):

No.

Daylene Long ([20:31](https://www.rev.com/transcript-editor/shared/0t8D9HKvnG3fqBRm-bJltgqapRja0l5roS3V9KWg0ROtbpdmCiR08to2aB4kgKlTEgMexS9VGe-pq-z9Nf9kAGl8Q-k?loadFrom=DocumentDeeplink&ts=1231.16)):

Okay. And why?

Jennifer Hofeld ([20:34](https://www.rev.com/transcript-editor/shared/_yN9M8pMcJi5fqfcBYo5wBUEfHS0gUci8IY0brDNbcOY13WiM1HozUu5nUmJDHO3olfMKA-SEgn7kzYvm659nJa7OEI?loadFrom=DocumentDeeplink&ts=1234.23)):

Well, I don't need them for the curriculum I'm teaching, but just isn't part of it, and that's really it at this point, but there's not a kit that I need. Doesn't really go with what I'm teaching.

Daylene Long ([20:52](https://www.rev.com/transcript-editor/shared/ythiB1OluZQF4FOkaYXW-IeyOQmdqyda0WZFvoZ5Y1_dTb2Pd-J8k0_3Dfd5ZM2MAqIk96zhHK8E7pBQnlWXeeoXB_U?loadFrom=DocumentDeeplink&ts=1252.63)):

Okay. Are there videos, I mean, do you use videos at all in the classroom or,

Jennifer Hofeld ([20:58](https://www.rev.com/transcript-editor/shared/6M21_4dFOPTIdF7oEaKyaeDj53mgztZOPfOH94Rq51-JJsJtHXB61YtcM5Qi9z6jJRiH5XAxNyGRHUVfKz0xtPBDQp4?loadFrom=DocumentDeeplink&ts=1258.84)):

Yeah, I find videos to use sometimes that are relevant, some things that might just need to be explained again from a different voice, that sort of thing.

Daylene Long ([21:13](https://www.rev.com/transcript-editor/shared/t2WYUfYBjdjWU8Psy53ucCutgG2jLIQmAXK5s1k9z5t22I0Pe8CNmUVjz4A3U9eknxFNcFIT-X633OaEGMFU_yO8TBQ?loadFrom=DocumentDeeplink&ts=1273.15)):

Where do you go for those?

Jennifer Hofeld ([21:15](https://www.rev.com/transcript-editor/shared/wZ3wqkc_X_5iCt3J0HxTAAFbu9b5uMEkEIapaEeiRXoCDy169soU6VjneHPkx8LF03BUqtNM5lHJ38CzBwMatAYRcuk?loadFrom=DocumentDeeplink&ts=1275.04)):

I just Google

Daylene Long ([21:19](https://www.rev.com/transcript-editor/shared/pSWrwwyuYeOyVq-Qjz6q7RvM-bP_rONI-6sf9-U1Fdd-eOhEacySfIXzFeSFplUqYaSQh7xgBlHr4cIIul8KgSfOr8A?loadFrom=DocumentDeeplink&ts=1279.12)):

True

Jennifer Hofeld ([21:19](https://www.rev.com/transcript-editor/shared/hfEgPEwADCQoIDDC0EpHdfdOkiKuWNfVXUaG-RBZV94lp0Tn559A2wx3GEpSVXwhLbccAFoi9A0pq72zgPX1WdT0NR8?loadFrom=DocumentDeeplink&ts=1279.31)):

Story, And there's some that I know I like. I love the Amoeba Sisters videos. I use a lot of those.

Daylene Long ([21:25](https://www.rev.com/transcript-editor/shared/FUblR2Ef2pz50avT1_XUZ3xNLxXkm5_hY0O73xm2YUdljooCrKzYKEx0hxUznBdeQN70_vKPM_Q_w4RSEX8or-AjgQE?loadFrom=DocumentDeeplink&ts=1285.84)):

Okay. Anybody else?

Jennifer Hofeld ([21:30](https://www.rev.com/transcript-editor/shared/9EpjbWwwCH3y2MVotrieSnG2am2_58IKYkoN7Djf4C5lm3xKUbzyb7vlDiGZytUBRfp9xOsCfLBemkkRQaZLLrNvQaM?loadFrom=DocumentDeeplink&ts=1290.76)):

They're the highlights. In the past, I used crash course a lot. I don't so much now just because it's not quite as relevant with what I'm currently teaching.

Daylene Long ([21:49](https://www.rev.com/transcript-editor/shared/U5eNqihfuY-rxcnur11bRPKZt4b-TA9WjL64RpWCpFpi9wk7S9coEbwqqxlj5XUJuoef-JKUTFRR29mxeQRkTGKyxDo?loadFrom=DocumentDeeplink&ts=1309.63)):

Are the kids on their phones during that or are you No,

Jennifer Hofeld ([21:55](https://www.rev.com/transcript-editor/shared/fwBxtsswKy6AsaBDspez2sKY7-HpIpAHnkpP_JizMpRqGg--MbAxd1NpA8kNe-hlNm8R9OFnLQKNW5DE9HyYKzsYMPg?loadFrom=DocumentDeeplink&ts=1315.27)):

The videos are projected on the screen. Everybody's watching it together. All right.

Daylene Long ([22:02](https://www.rev.com/transcript-editor/shared/S7RJZjI6UY9oR0I0fikoHyUalgcvebgPkZQm0lsrnUrGcE44Qj2JUSTHyB3DcFroFum-RJdN8a_GqQqQK2ESK8rd8hA?loadFrom=DocumentDeeplink&ts=1322.05)):

Assessments. That wasn't something I noted that you had on in your survey. You had anyway, a check the box on that. Anyway, assessments was something you checked, so I'm just asking what do you do or is there anything a vendor could do or anybody could do that would help in that process? And what are you assessing?

Jennifer Hofeld ([22:25](https://www.rev.com/transcript-editor/shared/PBr-UXiWPdKHn9xeBaptmLgHl-7Vz2P-GBsHQR08IO460QPtDWur9Fw4NQtaJVdhJ6Va6_Xs0qOkxDalhGH7ag9NVvQ?loadFrom=DocumentDeeplink&ts=1345.69)):

So I do obviously formative assessments as we go along, but as far as summative assessments, there is a large unit exam that goes with the curriculum at the end of each unit, and it is all application. There's no multiple choice. It takes me forever to grade because it's six or seven pages of short answers and essays that they can show me what they know and can do. And so now I don't know that there's anything that a vendor could provide that would help me with assessments, at least not right now

Daylene Long ([23:02](https://www.rev.com/transcript-editor/shared/biUkFAaoUK91kuv_kU1eieWco9kS9me-j8MxxYBi0FEiY00MsT4sBUt6_Mj1qVLo4T34Z0qgVGFTBnAez0CmmewDc4U?loadFrom=DocumentDeeplink&ts=1382.05)):

With what

Jennifer Hofeld ([23:02](https://www.rev.com/transcript-editor/shared/WTSfV8jKKTbLVSJUMIdeJEDfL6AZMTjlZTGZGhBIETtbJK6bRoDvNp6rzGIAAOCKgpJm0LV2qEff3gJFwWPYIH_804E?loadFrom=DocumentDeeplink&ts=1382.38)):

I'm currently doing.

Daylene Long ([23:05](https://www.rev.com/transcript-editor/shared/blOWVWA1ufhuZP1fpoZUXBlOpOKQvnbjcGqlXp5sp3MGovj-6Vpzk5GVTdeXtd7-D-fy2IKxXd5FyjuPurdC-kCuDMc?loadFrom=DocumentDeeplink&ts=1385.47)):

If you could, well, you are in effect talking to large companies, small companies, all who are interested in invested in teaching and learning into the future. What do you want to say to them?

Jennifer Hofeld ([23:30](https://www.rev.com/transcript-editor/shared/WUqBUXv_pGG-SzmT2FtJ_HEtOoO3h2VUqeCL91CJ7NHTCB2aNn4RlAZWGqvoFVQu6PmUb_FjhDIrkgPIWQW1OlCfqJo?loadFrom=DocumentDeeplink&ts=1410.91)):

I want to say that biology needs to be taught in context. That's what I love about Storylining is that we talked about, for example, we talked about photosynthesis when we were doing a unit on Africa, and then we've talked about it again in this unit about the Pacific Northwest through a different lens and maybe looking at some different aspects of it. Specifically in this unit, we talk about how water pollution can impact the ability of kelp to photosynthesize. We talked about how increased carbon dioxide can help kelp photosynthesize, but also causes acidification. But instead of when I was in high school, we spent a week talking about photosynthesis, and then we spent the next week talking about cellular respiration and we memorized some formulas and we moved on with our lives and it didn't mean anything. And I just see a lot more value in all of these concepts being taught in the context with application right now instead of waiting, instead of it just being out there and something you have to memorize and learn.

Daylene Long ([24:55](https://www.rev.com/transcript-editor/shared/0Gewghaqr2jKsZ5FFIYH10bhEj4XMiJ9RDx7stcAkS3uvEdLAjkBjumCT_CGlrgHPV7Pi0EY_22RHkFWXBiu1Wudolk?loadFrom=DocumentDeeplink&ts=1495.07)):

I wanted you to expound on that a little bit more, but I'm trying to articulate what the question would be. So what else? Okay, when you got, or when you look to order something from somebody, how would they let you know that they have that? Or how would

Jennifer Hofeld ([25:23](https://www.rev.com/transcript-editor/shared/KYSWtYxxuPPTLSILFQ4o6dQsGvGl04bEggd-TfDi_pmP4nG6y5_LRueXuHGcr65ONSr9yDboGrIFH3AdBtpleuxdNqs?loadFrom=DocumentDeeplink&ts=1523.96)):

Maybe some sample lessons like this is where you could apply this algae sample, whatever it is that I'm hunting for, to buy a couple of sample lessons or teachers have used it in this way, or you would find this species or this specimen in these environments, that sort of thing. Show us in what context this item belongs. I mean, obviously that's a little harder to do if you're ordering Petri dishes and pipettes, but are more interesting things.

Daylene Long ([26:03](https://www.rev.com/transcript-editor/shared/99wK9xN83afRl81Zkiu_TYEhuLajtjEFHs38ZUDVcT4R_nrAKlLMqKrhUOQMHs0z9RbbFBoAWfGTvZEprLgTV_Auyw8?loadFrom=DocumentDeeplink&ts=1563.59)):

Okay. Along with that, do you want a worksheet? Do you want a white paper? What would you want, I mean, if we keep going on that, what would the ultimate look like? I

Jennifer Hofeld ([26:16](https://www.rev.com/transcript-editor/shared/7krisjFrIK5FkY9SNml1LwffE_Sp00N1pGNfojnM1s004n9kwy8ZgWAdA44aiS5UruI4u3E_KfvCgK7yrMr2OBvxuso?loadFrom=DocumentDeeplink&ts=1576.61)):

Mean, the ultimate would look like a five E lesson plan

Daylene Long ([26:22](https://www.rev.com/transcript-editor/shared/gxYPzjq2fZt8m1XgYuRqWsFg4GcAPy50f5Y4uKDWATc6L7K7R4MAOazg1Y2iY-OTkysdhdlnJaPwuShF6oXcHrMQlQg?loadFrom=DocumentDeeplink&ts=1582.43)):

Just with Everything that comes with it. Yes. Okay. For recording's sake, can you say what five E is?

Jennifer Hofeld ([26:31](https://www.rev.com/transcript-editor/shared/Fd0Jrih2WPevlyNOQeT6vROHix78MvbMGd8ImqTFqfhgOfcc6Lo46F8lGkeTb0KBKilh4cXwP-fUAMQOUA8LUrvM-A0?loadFrom=DocumentDeeplink&ts=1591.19)):

It is an engage, explore, explain, elaborate and evaluate lesson plan that covers all of those things. And then of course the ultimate goal would be that it has teacher and student instructions for each of those parts and ready to teach.

Daylene Long ([26:52](https://www.rev.com/transcript-editor/shared/zkD2QDi_KYbM2U6196NDhjup5G2H4emhvESV4mFsAtbZdbNEmbvUIcX6OQzD3oRtITQrrRjBmNCbFbpjsU-kAYnJPRU?loadFrom=DocumentDeeplink&ts=1612.68)):

Would videos be a useful part of that?

Jennifer Hofeld ([26:56](https://www.rev.com/transcript-editor/shared/_qpLAc6jH3kGbHZvNoiJF1ftym1bBQfuJIOdNDzYQIu3WqHgqtMJt2f2YRtNx0dTOpliiR3VZBdij4TdI1YssNBxPd8?loadFrom=DocumentDeeplink&ts=1616.64)):

Videos would be an incredibly useful part of that just because we have so many teachers nationwide that are teaching on emergency certifications or outside their content area, like I am learning it as they go along or have no idea how to teach.

Daylene Long ([27:17](https://www.rev.com/transcript-editor/shared/voSB5_m1pmkO6SpvTdI2BTY_0QES4EXSLefA3bRhY7xrklf3MK7n49xBcMv1oRaPwEIOwomxzWcXHDlM5smh3M0hMO0?loadFrom=DocumentDeeplink&ts=1637.58)):

Yes. Okay. On that, I would say put professional development. It sounds like you went back to, I mean you went to university, you did some things like that, but just talk to me about professional development and where you've had it and where you would like it.

Jennifer Hofeld ([27:37](https://www.rev.com/transcript-editor/shared/OG77hqxg-6RHFb5hCgmPG1B8MHtZeM5_q_1WaefLQoaD8ZGlcbygzwJhQVfaq8d-7KG8t93AJtE3lfmpwQDo-hnbxHM?loadFrom=DocumentDeeplink&ts=1657.98)):

I have it in price. I can find it. I mean, I participated in a STEM center program through actually the university I ended up getting my master's at, that was just publicized through the state department and it was a year long content and pedagogy program. It was incredible. Like I said previously, I'd go to lots of conferences and things and then I just one day workshops and that sort of thing also. But anything that teaches you that walks a teacher through lessons and how they can be applied, I think is really, really useful.

Daylene Long ([28:28](https://www.rev.com/transcript-editor/shared/7iBHyaRG0-ZOAAji3JISry2UfMoDl6OmcQJ4K8ZXxIxbfS767KLELiCBEhbKtETILp0lyRJib800-aVf0Kd9T6deZUo?loadFrom=DocumentDeeplink&ts=1708.62)):

Being not a suburb, not in a city, not rural, would being doing that in person versus doing that on an online group, or would any of that have a whole preference over another or just watching a video? What I would rather be interactive, I

Jennifer Hofeld ([28:49](https://www.rev.com/transcript-editor/shared/UhX3MTei1MkyP-Tto-LdyG1LecYGBw6qGAZLjUGQ1QNO-81XAeyOt1ck1RzYnXCultES4EvO-agYE7Ld4vDOo8jamEo?loadFrom=DocumentDeeplink&ts=1729.86)):

Think you learn a lot more if it's interactive in person. And then secondly, interactive online, real time synchronous. But I know that's not possible for everyone. I am very near Oklahoma City, so that's not a problem. But even really, I think it's really important when a professional development happens, if it's possible to provide accommodations and that sort of thing for our teachers that live way out in the panhandle or wherever, several hundreds of miles from a metro area.

Daylene Long ([29:39](https://www.rev.com/transcript-editor/shared/YCuYEcovM5Q6wo65dvR0P3sc_jHGHZwiyhs7WDv-vK43QntfwJn3ZIa5xSevcRFCKY4DLt5IPpI_U4ovtMOGS5-1Fno?loadFrom=DocumentDeeplink&ts=1779.06)):

Good. So I'm just going to circle back for a second on again, your funding or lack of funding or that sort of thing. And oh, the other thing I was going to also say, if I don't forget when you're at an event, does anybody ever give you a coupon and does that kind of thing matter? That kind of stuff. So anyway, we're just talking money right now on how you can get stuff.

Jennifer Hofeld ([30:04](https://www.rev.com/transcript-editor/shared/x6Y26CuA3DVtJRn_d-5cConhR1_eZY_ImLazcm73cOMCmx-CzY-TNw4-jjawtaK-x66oy7_Ll4Z4G7SHfGv-46GcH0M?loadFrom=DocumentDeeplink&ts=1804.96)):

Right now, I don't usually get any coupons at events, but that would probably make a difference. I guess once in a while there's a free shipping coupon, but that's about it.

Daylene Long ([30:16](https://www.rev.com/transcript-editor/shared/-ofNDPI-2dNWwMNWLM3dT3Ty46DK9AMBpyTTJT-mKitwSs0iDu0yHK6db1edqKfsPUFuslrOjJYsPN-w9tEr21L6GkQ?loadFrom=DocumentDeeplink&ts=1816.93)):

But not anything, or you haven't experienced anybody saying, go back and we'll send you this kit or like that. Here you go. And we're going to do an online synchronous training. You haven't added any, okay.

Jennifer Hofeld ([30:31](https://www.rev.com/transcript-editor/shared/mg0rBZDaYEsBwOOIdFstbT8BgPQgeRBMvlb97FcM99gAEQZrdnrpQt5kPraoEdH560PSQQ3p8n5ZnNL7BkailbHEMF8?loadFrom=DocumentDeeplink&ts=1831.91)):

No, I haven't, but that would be fabulous.

Daylene Long ([30:35](https://www.rev.com/transcript-editor/shared/EaqvJ6R2HV8Rmkk6JHPz4sj-WGQTWA4x1Zor0DelYcysNTHZ2QnLNT7m5tKh_bqfTQSQQ_ZQGnGONcgz8BqqVLlYBc0?loadFrom=DocumentDeeplink&ts=1835.59)):

Okay, good. Good. Alright, well actually I don't want to take up any more time since you're going and that kind of thing because this has been fantastic and I think you're brilliant. Thank You. So unless there's anything else that's suddenly popping in your head that say, oh, I'd want them to know that.

Jennifer Hofeld ([30:59](https://www.rev.com/transcript-editor/shared/K_EW3fthJRM0hawMZUyRk9-B0iz0X4ETeycdfF74JQAzQzIUled5O75YiaUIRCfn-TpdRKDxeBIXqz6b2aVq-JOWU1w?loadFrom=DocumentDeeplink&ts=1859.77)):

Well, I just will circle back and say it's not, I don't want to leave the impression that I don't see value in kits because that's absolutely not the case. And I think, I don't use any right now, but I think when I started teaching this curriculum, if kits had been available and I had had the funding to purchase them, I would've jumped all over that. Okay. Well, and I will caveat that by saying I probably would've taken the time to price it out and see if I could get it cheaper

Daylene Long ([31:34](https://www.rev.com/transcript-editor/shared/iTV8SdcYZftX-AnX3DygDRDxkO7gn7eQrh2u-vwceNlCMLJyytjfOHcvDHwIi5F-jQGwyT8ylYi_nFO7FjS2MJ6AEiU?loadFrom=DocumentDeeplink&ts=1894.6)):

If

Jennifer Hofeld ([31:34](https://www.rev.com/transcript-editor/shared/CiEB9Tyf6xiuKrQFLs1g9g5n3J7ZcNTOBODgbnpSozaifV562VpZSL-F0Eww-paVKdNyGPE69Fp9CE4_JyPLlevKqcE?loadFrom=DocumentDeeplink&ts=1894.66)):

I ordered it individually. But actually I'm right now writing some curriculum for an ag industry and part of that, their teachers do want kits available. So part of the lesson planning I'm writing will be to put together kits for this ag industry to provide to science and ag teachers. So I think they're incredibly valuable. They just weren't available for what I'm teaching.

Daylene Long ([32:05](https://www.rev.com/transcript-editor/shared/Na7UpIj3N1BEMR0fO3Qsil1rmbY0nNpuh_1EPOTmx1QFjqrOkQ9mzlCMhW1XZcihjSs6HCCTzPSZMzgy3U4zuL2hr90?loadFrom=DocumentDeeplink&ts=1925.38)):

Right,

Jennifer Hofeld ([32:06](https://www.rev.com/transcript-editor/shared/tlYh5P0lzyxr7da-i25Rf7IFxmvrC_3kvyL4M3sfqsesFUwF4SlPsyjkDXsKokI3nylNUD3mq9ScZ56jQz73kgsAP_Y?loadFrom=DocumentDeeplink&ts=1926.4)):

Right.

Daylene Long ([32:07](https://www.rev.com/transcript-editor/shared/C8O7lVKBIJ6yagfCs9jouKYf3gtCIYR0K1WW-f7cDIOUpABGNHIGw-X0rNbFMAMw3Uy_r0xrA8NnV5G64VuidJ1Vsik?loadFrom=DocumentDeeplink&ts=1927.69)):

Okay. I'm going to stop recording here for as we do this.