Kimberly Herder ([00:04](https://www.rev.com/transcript-editor/shared/Krw3HQ4vNP2BnnOGLGtrjvaL-wp_6INPybGu5dJZqxKuwkdv7r7divYNfp7PD_GNjDk5H_2DY3Xq3FzzNJ63BGzusR8?loadFrom=DocumentDeeplink&ts=4.98)):

We are meeting Barbara Jo Best, AK, P-A-S-H-A-K, hyphenated Bestpass. She has been teaching over science for over 40 years. She's at Thomas now. She's at Thomas Edison High School, which she's been there for about 40 years. And she also teaches at the Hebrew school. She has her master's in biology and anthropology School. Remind me what state she's In. Oh, sorry. She's in Philadelphia, Pennsylvania.

Daylene Long ([00:39](https://www.rev.com/transcript-editor/shared/LOTVXfbM99C_-FrM8oJpxAr8IpdDMV1W2ZcWNcivIoRR_4ZofPJiab0jbfd99pl1Qx_EDxstKQvIKUj38pHJj5SEGbI?loadFrom=DocumentDeeplink&ts=39.93)):

Okay.

Kimberly Herder ([00:41](https://www.rev.com/transcript-editor/shared/3k7nfdipQlK7KbrZ4z3LiJ-gvKOlsvUr775D9UxkGnvJQMvShFeats8e3u_jXjjLCHmmbzNqXYJbQ2nl-SDnghwTwlU?loadFrom=DocumentDeeplink&ts=41.04)):

At Thomas Edison High School. She is a Carolina and Fisher loyalist. Besides that, we know very little. She's not on social media or she's barely on. It Looks like somebody has put her on Facebook and put her on LinkedIn, and there's just little blurps on there that are like 15 years old, things like that. Okay.

Daylene Long ([01:09](https://www.rev.com/transcript-editor/shared/5CZ8F8P7i5bKVL04JG4V_RKpQyRaV67fjWk_zFZbuS-M3IxzOMXufrEGyVsBiI9Lqhvpe2mHDDCaCic70ujX6Yosho4?loadFrom=DocumentDeeplink&ts=69.235)):

I'm looking through my notes to see if there's anything else. So it's interesting because I know both people in the baby boomer generation and in the Gen Z population that aren't on Facebook

Kimberly Herder ([01:28](https://www.rev.com/transcript-editor/shared/cZQugSSVanRoKHxzy7bcNNk0uZTCCKVGSeA654XOqezy09dLq7qfkXhz_5UKSXEPesRrLe-7xu9avsdusnr2_9-pAFw?loadFrom=DocumentDeeplink&ts=88.62)):

Or

Daylene Long ([01:28](https://www.rev.com/transcript-editor/shared/0QpGIPU31_caAq_Fzkbyv9lzjtohwoKn4gd53_tpkTcL1uHUEf3fmrm-T64ajod8SdHLNAM8vy6rT-vMJpHnq5Zqqi8?loadFrom=DocumentDeeplink&ts=88.805)):

Instagram, so it'll be interesting to see where she falls. Do we know her generational range?

Kimberly Herder ([01:39](https://www.rev.com/transcript-editor/shared/RDizau-rC32aY5u5hFDbT3OVQGM_I9_J86QAVh_Rl2hGep02k5kTUe_NsLWJMx9oI5ouajvUr5Tp52pjFyRuVuAu-3c?loadFrom=DocumentDeeplink&ts=99.2099999)):

Well, she's been teaching for about 50 years, so

Daylene Long ([01:44](https://www.rev.com/transcript-editor/shared/xRf4UTBHWfrXj4sXjSyFzr91BQmYnRHori0nmfJeZ-V1Pvr9zuTrd2h7swh1Iw7eK-CZrXU_-m3-dCvuo0CvF1aOPEY?loadFrom=DocumentDeeplink&ts=104.37)):

Five zero?

Kimberly Herder ([01:45](https://www.rev.com/transcript-editor/shared/3UoC2Bj8Xh3QowcZRG9_fiAKkxfATPlhF49SNLmSs9uAytUnsHd2inCq1pEYlY6YFFnu8RrmXWcAgB2RW6s21yvKUAs?loadFrom=DocumentDeeplink&ts=105.36)):

Yes.

Daylene Long ([01:46](https://www.rev.com/transcript-editor/shared/38kWWcqwBLdWggVcfo04ad5lC13joM16djOCNkfOT6rH1c4T0gG3VQa-TiXPnbSdcIjaMFr4HccW36XJQLDOuM0T0K4?loadFrom=DocumentDeeplink&ts=106.2)):

Okay.

Kimberly Herder ([01:47](https://www.rev.com/transcript-editor/shared/CDrTZigR83oRJmpjD1dhQIczW9s1pKNqu8plpIPj3BQnzSTLDv0PCSecDq-PbVHIbhGumnlNlBsmsqGX1fIBKmnvLiU?loadFrom=DocumentDeeplink&ts=107.25)):

It looks actually, she may have come back. Philadelphia is panicking to get teachers, so anyway.

Daylene Long ([01:55](https://www.rev.com/transcript-editor/shared/aapsg2wkX30mm5nmbYRqVyOfIHUzm9bV2laNJEzw7zJfM0HDog5M2jyCl4Rh6HdFMAZZlvhZqOKFmi59DCW1h1gqvbM?loadFrom=DocumentDeeplink&ts=115.74)):

All right. She's coming in. Ready?

Kimberly Herder ([01:57](https://www.rev.com/transcript-editor/shared/uTTHUF3ssGowfgi5OiF6khDRBgnWMX28kWaqycaUVKb-FD7st_BxMu6z146bPb9dbk5SrD-ULxUZHBTlQyy2rjEi4xk?loadFrom=DocumentDeeplink&ts=117.87)):

Yep. Good morning, Barbara.

Barbara Bess-Pashak ([02:27](https://www.rev.com/transcript-editor/shared/8kse9Pvgjk-CtOWa5KXQdQIhrUF51LVsj9ksgGVtFpXwSQmxUY8y5rGJoA0mvCTbMHAJLR2-nKfHh22yAKUXNlhyWvo?loadFrom=DocumentDeeplink&ts=147.415)):

Hi. Good morning.

Kimberly Herder ([02:28](https://www.rev.com/transcript-editor/shared/Arxn4eYxhpusNQxemavVwXv3IEm1jlsMd-7-bZpBKKaxTtxZXk0Ia0CzXmVaQw_FUgMf81w9sZ21TU2MbgquKL-sg9w?loadFrom=DocumentDeeplink&ts=148.895)):

Hi. Good afternoon

Barbara Bess-Pashak ([02:30](https://www.rev.com/transcript-editor/shared/wi3iPjYQyEWGy4Ase8SovCNBuWR2uYmkXjv4ShKVINzTzxgD-eJ6JForz_CsGQ2mRO7u1qWvqBSM1usHMP1YkAK5d-s?loadFrom=DocumentDeeplink&ts=150.225)):

Eastern time. Good morning.

Kimberly Herder ([02:32](https://www.rev.com/transcript-editor/shared/9cTvf3OAbzoCDD4NOi7CxLBFpXhDNqtdyLP8CumMT1Xkjvdpr-bGkTdmoxLm95eCyDIHG6KAZPec95tIkCBNaak0TNI?loadFrom=DocumentDeeplink&ts=152.46)):

Oh, that's right. Sorry. No, it's still a rainy. A rainy morning here.

Barbara Bess-Pashak ([02:43](https://www.rev.com/transcript-editor/shared/Qv6uDKSBEXCvEDELigeSDhWNqRQeTbf07d5E0A9h6Si8YkkAxkQxY3zaqhjaD6OomK0a8sfz4U27ZafMmoljAyu9mqA?loadFrom=DocumentDeeplink&ts=163.38)):

Well, I have to say we had a lot of rain here, a lot of flooding, but the rain has finally stopped last night and now it's that cloudy sky that looks like it could snow.

Daylene Long ([02:58](https://www.rev.com/transcript-editor/shared/9AXsu14IB2SPbnxrs70QDfnCBWdx6jzx-DeKEbSTGQHkL-H1fq2rhI_lawKouB76pVu3deWPRs0robyiVlpZaKZB1iM?loadFrom=DocumentDeeplink&ts=178.11)):

But yeah,

Barbara Bess-Pashak ([02:59](https://www.rev.com/transcript-editor/shared/GAHQk-VNhfcETXeBJzeS8iceJb-1x6jupPX9yQuVasasOqme-VFzwspiJ_DsnDXqUcdGXAbNKhkIaXtEYEFrU1BYPAI?loadFrom=DocumentDeeplink&ts=179.29)):

It was probably not cold enough.

Kimberly Herder ([03:01](https://www.rev.com/transcript-editor/shared/lTyj7mEJ04bU-zOygtZHevsbnfHV_LHpe8BYgkdqdi-gFa8TFcA0hbHrIxUx6x_-I7dBM2pem_dWl4G0czdxyxUUz40?loadFrom=DocumentDeeplink&ts=181.69)):

Okay. Alright. Thank you for joining us. My pleasure. Do you go by Barbara or Barbara Joe?

Barbara Bess-Pashak ([03:11](https://www.rev.com/transcript-editor/shared/ss978Wsn8LvfpNRfxnvDrPaxaz2qhn2ESptFm7SBHdYngp3lH79bJSDmfra5PvOGBQgci5hJZARKla0bpLFtlXbAuXo?loadFrom=DocumentDeeplink&ts=191.29)):

I go by Barbara. It's funny, when you sign up with the school district, you put your full name on, but you never think that when they make up your identification tag

Kimberly Herder ([03:26](https://www.rev.com/transcript-editor/shared/Qm3a75KWv7JumSB3VAZUcJwxs-0jD-iBe4Eh6SZFoJap18LMXy8QMw0_k1wdzLFt4nIeHwlEfMXUXSkwWgvzh90awIo?loadFrom=DocumentDeeplink&ts=206.02)):

And

Barbara Bess-Pashak ([03:26](https://www.rev.com/transcript-editor/shared/NQYp2ObJ4kWYQJmu6D1sn6jKnd3EB8osLLVu7Wi5p_YFtqewUbkHl4OWIC6gaGaFa1JnviV96jggHP8nlVlLCm3zQY8?loadFrom=DocumentDeeplink&ts=206.2)):

Your email, it's going to be the whole shebang. So I've never gone by Barbara Joe, and so it's sort of funny that I do get that question a lot and I'm like, no, I just go by Barbara Barb. So yeah, it's all good. Either way.

Kimberly Herder ([03:43](https://www.rev.com/transcript-editor/shared/J8Job4gMRW4tuYshHwBgHMEX9_qxHNb-hQsa-K_1zJO5D7agcr0H6hjA9h08DszKIKP4_MPaIOlUB_zHouvXe7js6FQ?loadFrom=DocumentDeeplink&ts=223.66)):

Some Organizations are getting better at

Daylene Long ([03:47](https://www.rev.com/transcript-editor/shared/ioMyvmr0c24em1WAGO3pLKFix5QriZeBkcBD_Hxe6ecF8JTkUNMGhqA_g_F56fVhamAl2eq87R2zVlH9QqqGqPkUTNI?loadFrom=DocumentDeeplink&ts=227.38)):

Asking what name do you go by or what would you like on your name tag? Or those kind of things.

Barbara Bess-Pashak ([03:53](https://www.rev.com/transcript-editor/shared/akUQxm4TyNUUqzrNvfk6ie6CtzFPq5aNWHBZR9EB1J9B9whI2yFGa3H51ZMtgb0Cs6YSbIu8xV5BeN5GuJuIAF2UNnM?loadFrom=DocumentDeeplink&ts=233.32)):

Yeah. But I start with the school district 41 years ago, so they don't come back and say, Hey, our policies have changed.

Kimberly Herder ([04:06](https://www.rev.com/transcript-editor/shared/dl1_NckIzUoGyuwjTSWOmX9mfmgG6oT5bJDN2zqOK3YTnteCjK8kSOYZCliWhOYpEW0lpMqCYq3JUtpccoXtvhU6Pb4?loadFrom=DocumentDeeplink&ts=246.85)):

Either that or you should say, Hey, I've been here. Well, Barbara, I'm Kim Herder, and then I'm with Daylene Long and she's the lead researcher and founder of Catapult. So thank you very much for joining us today and agreeing

Barbara Bess-Pashak ([04:24](https://www.rev.com/transcript-editor/shared/ODH-TMEdIUILVdyvimlwz6qt4GxkOjxZu1EP45snPDfBc-Bh6igg91Omd2c3M2PEx8Ense4rfTMd9MnCx2Lh3Rf0lk0?loadFrom=DocumentDeeplink&ts=264.43)):

To Thank you. I don know if

Kimberly Herder ([04:26](https://www.rev.com/transcript-editor/shared/T1OVri6bW04ZZz1ZENACttDGz6L8FMtQJOde8YKtvQDBOn1YncDvv0Vwv_OYzqcabYpVmL-J0URK-wdHESgLtPcSsfA?loadFrom=DocumentDeeplink&ts=266.205)):

You've done an interview like this before at all, but we're happy to have you and want to hear what you have to say. And I will step off screen a little bit, but I will be here from the technical side and that sort of thing, and Daylene will be asking you the questions.

Barbara Bess-Pashak ([04:47](https://www.rev.com/transcript-editor/shared/ulUmmoRvPEoa7DiPJZX9gpSgOiIn50VLu6lpcTMyWhaKjziGdf5NZpAMA-P8AC28wMeMMDwlcZm7bl9SYGtocFnzJGA?loadFrom=DocumentDeeplink&ts=287.68)):

Wonderful. And I'll be able to tell you afterwards if I've done an interview like this.

Kimberly Herder ([04:55](https://www.rev.com/transcript-editor/shared/yGk4kQFLAgz3lr1AQTnX52ET2RxOSzSx43VHdPhyXY1KEWPnDxWKWyrQMMGk7kaNhBzRNg-XlCmlWkOZELmWsaea8zY?loadFrom=DocumentDeeplink&ts=295.93)):

That's true. That's true. Because I've done science curriculum interviews before,

Barbara Bess-Pashak ([05:02](https://www.rev.com/transcript-editor/shared/VLITpNv3fQcNGfytWtRk2RlPloNUT7xWw2X-189ems2DFhnioW9HQP2HBxpq6yVLq9cu1TXCtQFN7F877sAOxgM9MYM?loadFrom=DocumentDeeplink&ts=302.62)):

But they were also very different. Sometimes they were within a group setting, and again, this was prior to Covid, so it wasn't Zoom. I've done other surveys where it was actually in writing just different styles. And then even within the school district, we'll have special meetings, which you're invited to talk about a particular curriculum that they're interested in using.

Daylene Long ([05:32](https://www.rev.com/transcript-editor/shared/HwxlwGkSlJwHEKCc6ivTYQPJwl8_wXwt9q5IjzlRQxNTUCoFsRTPzk-qKFycbZ79z1t-fvYeXDbQGAJjZqUzgpXWN6I?loadFrom=DocumentDeeplink&ts=332.74)):

Good. And we'll talk a little bit about that as we go on too. I've got some questions about that. I love it when the district gets feedback from the people who are actually going to use the curriculum and especially in science. So

Barbara Bess-Pashak ([05:46](https://www.rev.com/transcript-editor/shared/6TK2by6pvq-kcgW5iK_tP3hLXFpW2LBrOZUxyvVcyNF1OhZuYn90j2xOCpEK55auS4XVg_3oE2Mhmtj_nAUULW-JQpg?loadFrom=DocumentDeeplink&ts=346.21)):

Yeah, absolutely. Absolutely.

Kimberly Herder ([05:49](https://www.rev.com/transcript-editor/shared/B8rchTSdUuHYOm_Vi9zVq9h4sbnxJu0VooYbhcX-ZgCNU3HznDMKlFpSCFIrX7sBr9Xe-QYhT24lKwmwh8s4MUACAnE?loadFrom=DocumentDeeplink&ts=349.065)):

You take a minute and tell us a little bit about your background and before we really go into it. Sure.

Barbara Bess-Pashak ([05:57](https://www.rev.com/transcript-editor/shared/4QcyfuVINpHP5sy8Eh_VVBDF_YLL6MRyQCEeKoK2q-h5yq3ZHcx98yUnMh_Y--Yk89vFuC31xHcfOa8A93SUnKTXOD0?loadFrom=DocumentDeeplink&ts=357.74)):

Starting with college or currently

Daylene Long ([06:02](https://www.rev.com/transcript-editor/shared/sdnYI_C99FTugH8SKpqSJflFwNE1HPjCLckfj5pUjgzalNKzuypKFkS8-GAhMPpMK34t0OdoUU3tpv4PIuqSzGOvJ1k?loadFrom=DocumentDeeplink&ts=362.27)):

Start with college.

Barbara Bess-Pashak ([06:04](https://www.rev.com/transcript-editor/shared/gwkq_ztDbOiDnYoOKjP3RB6uG22a-43WqvFYUf4Ob_Oyf1iL1xt6gY6T-B75-FpETaTCY5HEixYcOANiuBTe5TvP6MQ?loadFrom=DocumentDeeplink&ts=364.1)):

College. I went to a women's college, Douglas College of Rutgers University in New Jersey. Then I transferred to another college that was sort of women oriented, but then it was more convenient for me to, because my major was changing for my master's. So I graduated from Temple University with secondary education specifically in the sciences. From there, I continued on with postgraduate credits, but couldn't decide where I'd like to, what direction I wanted to go into. Everything at that point in my life seemed interesting and I'm taking courses and courses and I just felt like I'm not really headed in one particular direction. So my doctor just sort of got put on hold until I would figure out what I wanted to do. Then my husband and I said, Hey, it's time to start a family. So I'm working for the school district. I worked for an alternative school. It was a 12 month school right before the school district, and the woman whose position I was taking said, I asked why she was leaving. You always want to know why someone's leaving. Am I missing something? And she said, I'm going to go with the school district of Philadelphia. And I said, oh, hmm. She goes, you should apply. Okay.

Barbara Bess-Pashak ([07:48](https://www.rev.com/transcript-editor/shared/bFKb871oTLzkJto94LKrXIfxXzXx_Rb4KI-q1zSJMEDRCOgZEu4b-StGanq7bl5Y7e3gOC8zEStkfqCY3sOKxEDRbRk?loadFrom=DocumentDeeplink&ts=468.53)):

So I guess I started the process, and this is an alternative program, a 12 month program for the students who are expelled or kicked out of the school district for behavioral issues. It was one science, one math, one social studies, one English, one of those, and they counseling during the day and they had their breakfast and lunch in the program.

Daylene Long ([08:16](https://www.rev.com/transcript-editor/shared/CGQWmA9FqTdaRGGJvZBD7Y_tmu06IWSNgTjZFw6ugoTVTPv2bRAH8eM0OMxJFPYVFvUej-vlzokZcDx_rTzp8DhwLbQ?loadFrom=DocumentDeeplink&ts=496.37)):

What year was it?

Barbara Bess-Pashak ([08:18](https://www.rev.com/transcript-editor/shared/4AQokdhlHn4SjA13ApjKp4mk3ulZ96SNS49FyI3sRIe-lCmgaEJL763KJANmM3PpYKZiKmNdn4Q8KpOUbdbAw5l6eCI?loadFrom=DocumentDeeplink&ts=498.32)):

Wow, so that must have been around 1983. I, yeah, I want to say I graduated in 81, did my master's 82 finished it. I guess I did year round to finish early. So I'd say probably 83 is when I did this alternative program. It was 12 months and then 18 months later I got my position, the school district, which was perfect timing because we received a notice that they didn't know how long their funding would last,

Barbara Bess-Pashak ([09:04](https://www.rev.com/transcript-editor/shared/kwou13v8T06tTyRa7Cl2YSNRnCpp0jnPBw4VDPXpB5Zl1dH0zoIgD_sgVam0s77k52z_Bh7-dCXpOoKgrZOBesel7Bs?loadFrom=DocumentDeeplink&ts=544.41)):

And it was a very interesting situation to be in. I'm a young kid at the time and I just assumed I would keep teaching, right. I grew up in a family that valued family education and volunteering. So I just thought, well, I'll just teach. And a woman older than myself who was married to a minister said to me, she realized that I had planned on continuing and she pulled me to the side and privately said, Barbara, if there's no funding, that means you're not getting paid. I said, I realized that. And she goes, and you're not going to work. And I said, my jaw dropped. And I said, I was very honest with her. I said, I'm surprised to hear you say that your minister's wife. I just sort of assumed we give and we give and we give. And she said, yeah, you're right. I am, but you have to draw the line. And

Daylene Long ([10:14](https://www.rev.com/transcript-editor/shared/OSqRtv5IPXAHRgBNam26l5FrWVPD6N2EO5R_B_9LGH7gOIH7HckYZseuF1wrrFp3clU14JiPElDbjybKe_9hiWjQIRg?loadFrom=DocumentDeeplink&ts=614.25)):

That was really good advice you got right there. Yeah. I want to put you on fast forward. I want to make sure I realized I forgot to give you the interview prep notes, but bring us up to date for what you're doing now.

Barbara Bess-Pashak ([10:30](https://www.rev.com/transcript-editor/shared/ohN6L_VePycwsZlkjEkgZ7oB_ZEJeIHp9lyjgBnIUadWVkp8WkCdUvxZ0BO5Llv-K073DP3MCimMSLY5E8in5q8-Dew?loadFrom=DocumentDeeplink&ts=630.72)):

So I wound up leaving before their funding left, dropped off, and I went to the school district of Philadelphia, started in a middle school position. A year later, I got a phone call again before cell phones. Of course. I got a phone call and I answered it and I said, they offered me a high school position. I said, no, no, I'm very happy where I am. And the department head came to my room and she says, I heard them announce for you to get a phone call. Do you mind if I ask What was that about? Again, remember, I'm a young person, so I think people are sort of looking out for me, or maybe they're just newsy. I don't know.

Daylene Long ([11:15](https://www.rev.com/transcript-editor/shared/FfXbmJrb9zFOISN5rEFXOLW_K_pq1vPD3O-_qgYppAHsVHVb6aR_nxGm6Z7Zri3CC7WqbFtmoTznCJMpZwRYKuyqUwA?loadFrom=DocumentDeeplink&ts=675.1799999)):

I thought they were looking out for me

Barbara Bess-Pashak ([11:16](https://www.rev.com/transcript-editor/shared/KC78BL0iydyrC2DXLRueH0XrmJ44H21wOzt7qzuHwI-vVBpHlcpeE6QpsY7QCu0M56o5_6NWFE0oU1Yd05ZpDKQMw1Q?loadFrom=DocumentDeeplink&ts=676.71)):

And I said, oh, I was offered a position for a high school. And she said, did you take it? I said, no. She goes, why? I said, I'm happy here. She says, no, no, no, no, no. You're young. You need to get into the high school. That's where you belong. I said, but look at you, Rosemary. You are here and you're happy. And she said, Barbara, I've been here. She was probably in her sixties. She said, I've been here a lifetime. I live right around the corner. You need to get out there in the high school, call them back. So I called them back and they accepted my change in decision. Went to the high school and she was absolutely right. Absolutely right. So again, there were people who were helping me and I make an effort to always help the new teachers. I helped the seasoned teachers as well, but definitely the new teachers that they understand what it is that they need to do. They're responsible for don't slip and slide. Some of the other teachers,

Daylene Long ([12:23](https://www.rev.com/transcript-editor/shared/3XVIkcXmxcaXq-HQo5jUnxYD4tssHrZYx-U2wVgCtOEPgmVQqHPTeZIb9KbLQO3y2wnDZ9LfMF-6QkA2Ah85yVUgkLw?loadFrom=DocumentDeeplink&ts=743.5)):

We'll come back to the new teachers because positions like you're supporting new teachers is super important. Are you still with the district then?

Barbara Bess-Pashak ([12:31](https://www.rev.com/transcript-editor/shared/xhOoNHLA3CNulgJDFJtjhm1CY9iULzv44WwD6-GBD2Qi2nLTqr6CRPTMPrgoZ_EI3Rm5LKscCZ2yKTIny68KY05YoEY?loadFrom=DocumentDeeplink&ts=751.9299999)):

I'm still with the school district of Philadelphia. I teach at Thomas Edison High School.

Daylene Long ([12:38](https://www.rev.com/transcript-editor/shared/LGtajsKCYDfwl5Qe64zdKxOgTb1lJhSLFGepj0m6CWvAD911EaL9l49TKLKGyYpDLWCM9Na61xPcC_9hM0XaTGDAlTA?loadFrom=DocumentDeeplink&ts=758.29)):

It

Barbara Bess-Pashak ([12:38](https://www.rev.com/transcript-editor/shared/Qlvt-_Iu5eZ_L44vsFA_hSfIbiXLBSorehs6UeDA40r3PkWsgKwYJCfnCgACVIF9SqH138cE2LYoJCdLUqcx3_4C3So?loadFrom=DocumentDeeplink&ts=758.5)):

Is a technical high school where we have all the academic courses and a full roster of teachers. We have like 120 teachers, and we also have tech courses, auto repair, auto mechanics, auto painting. They're all different fields of the auto. We have hair and nails, cosmetology. We have culinary arts.

Daylene Long ([13:12](https://www.rev.com/transcript-editor/shared/hgyKxH8GjTK89SO7YEOfxLzJIqhsQGgI2yt6q9PQ_SX2PBik7iMwEj9Cd41hGirvwz5CylPYOjkmsdrQJwux2GWdrmQ?loadFrom=DocumentDeeplink&ts=792.3099999)):

So it's ACTE program?

Barbara Bess-Pashak ([13:15](https://www.rev.com/transcript-editor/shared/wK-i4k_am3Ia411NXtVmexyGcKwFVxubXVjxlla9qY_cucI77_JHPwAgTHqv3dQsR8QHAOAqH_Rc97oY75rOOGB8emk?loadFrom=DocumentDeeplink&ts=795.07)):

Yeah, CTE? Yes. Okay.

Daylene Long ([13:17](https://www.rev.com/transcript-editor/shared/veRnKOoxrpYJAKyXVT2Antx1Frn3Ve8-rN5YfNY5ogNXl0EiZgff0slKpeInaY7yQUWFL41LwwrbT-Z-ZeFMcxi0QJs?loadFrom=DocumentDeeplink&ts=797.08)):

Does it have health science and ag and STEM as well.

Barbara Bess-Pashak ([13:21](https://www.rev.com/transcript-editor/shared/Q0aXVjlsPJPFD9m6xchLv0281_pEni-Fx8ZnnGQncbMifP5ResdZ9zdIoKF4hjed97Kp-1Y0FAwiJT2z4S7XJwXI750?loadFrom=DocumentDeeplink&ts=801.4)):

So it doesn't have STEM, it doesn't have ag and photography. It's interesting because I have heard from the principal that we have one of the largest CTE programs of all the school districts in Philadelphia.

Daylene Long ([13:41](https://www.rev.com/transcript-editor/shared/KCkySzwR9ZMdAHjNm070VIbbGJ9Pn2a_LA_WaYV6S-ZYFmQgTONIcyH_d9WrSrcCPZKd6czpDuMZFAwznsgwvVVKhjY?loadFrom=DocumentDeeplink&ts=821.32)):

I was a little surprised by that because there

Barbara Bess-Pashak ([13:43](https://www.rev.com/transcript-editor/shared/gT4Nch37mfPXx3F2FxdnJHLDKYyKRp5hlEjZKAOGjUHN86mjDmKJ_qqt363S02tZU_gfXIIC-QpUXR53xxzzK1wOAfY?loadFrom=DocumentDeeplink&ts=823.75)):

Are some schools in the school district that are just tech. At least that's how it was when I first started. The kids would leave my high school in the middle of the day, get on a bus and go to a tech program. But I guess at this point they've all changed. So they offer both. Is

Daylene Long ([14:03](https://www.rev.com/transcript-editor/shared/w4nKIscYTCY7nNo366PJNGOQjC9dwXS10QqZaSoTT9qoB0m7ZUFfXdjzjQkQ3FMzGtvCV0GEzDIB62ezAPZW6-ukW1s?loadFrom=DocumentDeeplink&ts=843.79)):

There a health science or any kind of life science component to it at all, or

Barbara Bess-Pashak ([14:07](https://www.rev.com/transcript-editor/shared/xbWztoZpd8fezOj39kvcRa5NJciS-Pz8SlR100bOhtsisicrdeBmxtgOPu7w-4OHJodn_zjaKYFvvJRODLgoOyYy-Vo?loadFrom=DocumentDeeplink&ts=847.78)):

No? No. Okay. That's such a big field. That is true. Even when I came to the school, so I was at a school for like 27 years, 28 years, and it was closing. It was in, I don't know if you're familiar with Philadelphia, but it was in the University City area where University of Pennsylvania is located and Drexel University,

Daylene Long ([14:31](https://www.rev.com/transcript-editor/shared/JHIeE_94xy319l_p3WudV_wT9cc1zPE-EF2Owz01y30eHUj_L627fj-50mEGB0CupD6SpwyRcEZ1qHRxfxH7uw-5jEo?loadFrom=DocumentDeeplink&ts=871.84)):

And

Barbara Bess-Pashak ([14:31](https://www.rev.com/transcript-editor/shared/_mtrwtkrP0xRlujt6PwPNdpFfP6XEVhPM3SkC7hEhXvBHnMxpGhDY4n-m0B672Atr6E6H0SIN0Y8mgrHZht4WSt8_ow?loadFrom=DocumentDeeplink&ts=871.99)):

We had interns, college interns in our building all the time volunteering. It was a fabulous opportunity. And when the school district was in a major deficit, it was worldwide news, the deficit that they were in, they decided to sell our building because of the prime real estate. And that's how I wound up coming to Edison. So it's very different at Edison from where I was. I don't know why there was something you asked me that was a reason why I brought it up, but when I came to Edison, I know I started a robotics club because I was doing robotics as a STEM piece at my former school, university City high school. And then when I went to Edison, I realized they didn't have one, and I started one. Within about a year, year and a half, we actually got to the state championship. But what I observed was that the respect wasn't really given to robotics.

Barbara Bess-Pashak ([15:53](https://www.rev.com/transcript-editor/shared/5jU9dAEBb4rt5x8VpLz61tRLYWhTselYwN2VmI1arJgQyjJMKAswS812oXNGl9FIz1glsk1Y1EttZqfoAU2_xlNA_gw?loadFrom=DocumentDeeplink&ts=953.27)):

In other words, it's the day before our competition for the state, and you're always tweaking your robot, and I asked teachers, could I borrow your students so that we can do the final touches for this competition? Well, the principal found out about it and she said, you can't take a student out of another class, but I did get permission. They'll make up the work. You can't do that. Pss, I would never say this to the principal. We all knew for a fact kids were being pulled out for sports. We knew that students were being pulled out for CTE competitions because some of the different shops have these competitions that their kids will become involved with. So I was a little confused. Why are they permitted to be pulled out for those and this,

Daylene Long ([17:02](https://www.rev.com/transcript-editor/shared/bC7QarVq-bxhpqf0OzISmEWVV4HZpjn-vBVJLIOLD_hjPH6_Nh5TTonwnomh1-5btygri93Rs94HedXV9ZeHAN6XBmQ?loadFrom=DocumentDeeplink&ts=1022.96)):

That's interesting.

Barbara Bess-Pashak ([17:04](https://www.rev.com/transcript-editor/shared/94YceCIQZhp-NHzGW1Wln7qe6AluRw7ociJedkkY_0tSNnvHz9gXN1ZOznqvqqn2RQZ7lUUSKqtVnyBGRAY_HUCELyw?loadFrom=DocumentDeeplink&ts=1024.43)):

I didn't say anything about it, but I did bring it up to there was a meeting among robotics team leaders for the school district, and I brought it up there and I just said that I'm disappointed to find that it's not really well respected, even though it's probably the only academic club that the school has to offer. Barbara, Barbara, I'm sorry. I want to pause you right there because I forgot to do the interview prep with you and Kim

Daylene Long ([17:37](https://www.rev.com/transcript-editor/shared/zDQKldb2UT-KVVi_3okjKWJeXvkGvOwxgESdPXV-rPuOYyPDYGjhHuJc9L8lXBiFc-OX0hA5eP6zr8iy1FcQ5wu9e7M?loadFrom=DocumentDeeplink&ts=1057.3699999)):

All over me if I forget that. And so I want to make sure I do that part and then I want to roll us away from STEM and into the life sciences. Okay.

Barbara Bess-Pashak ([17:46](https://www.rev.com/transcript-editor/shared/NwkP_HI_z5K0XdM2AfeAA896ZjhmLjukko-snNoLAnEAjiPgsEv6l5Jczh-VuzKBWt2DuYfcDCS105PL9hcPpsSUHK0?loadFrom=DocumentDeeplink&ts=1066.945)):

Okay. Got it.

Daylene Long ([17:48](https://www.rev.com/transcript-editor/shared/Hkhyiip9rTdKVcKVXVV01VtviOwgE7bTsZqL8-Gu2EMHFd43lUa-o14-WWi5f7jH1rsy8cwGEqGioBq3GDbaksH4nKg?loadFrom=DocumentDeeplink&ts=1068.1099999)):

And you're a good storyteller. So I'm going to ask you for some stories along the way, illustrate things, but one, I wanted to make sure you know that we're recording. It's

Barbara Bess-Pashak ([17:58](https://www.rev.com/transcript-editor/shared/ed8ueVGJY-hwJbw8Dy2r7TNhTp7wN9habXcJOwg56Ed8_qrQ1pgqu00ejY_amhKhS73FidmqFkfFXkMVu8P48rkaD_8?loadFrom=DocumentDeeplink&ts=1078.05)):

Just for

Daylene Long ([17:58](https://www.rev.com/transcript-editor/shared/CHxxmdfe2xBAEXyRMkB8mfz0iMAVvFxVHIYG7hMBCOdOvX4l9gpk7CR5bOe8wel01z4_pHv5kab-f-BVZzC53qvyR3w?loadFrom=DocumentDeeplink&ts=1078.59)):

Note taking purposes. I promise you won't end up on YouTube or TikTok and I'm not going to make you dance or anything like that.

Barbara Bess-Pashak ([18:08](https://www.rev.com/transcript-editor/shared/1KOYM7VVoHYuJH2yzbfKs_bs7V46H7NQzdTlaC5NNgNo1HC4pP5jf7o4MWIQ1VHYm9Hxbs-ECr3RbuOxRgXjgX90akk?loadFrom=DocumentDeeplink&ts=1088.88)):

I wanted to point that out.

Daylene Long ([18:12](https://www.rev.com/transcript-editor/shared/-BGtKQ1bp4ZKbAp12cYOOhmFlUOamsS3pZAd-DZTZ1wqhp75ZcBGCTug8OU55g-klxMCVO_WMD3aQG_LoWcn0wsfkY4?loadFrom=DocumentDeeplink&ts=1092.165)):

I'll kind of chime in for time. Time. And I don't mean to interrupt you. I just kind of want to know some where and why kind of questions. Of

Barbara Bess-Pashak ([18:22](https://www.rev.com/transcript-editor/shared/AXtw3DiYD89a4QIIlrxe2oi1lBwA7A5orXhCJcWOfIyUUmBn5MGZDD4rgHYfqYDZ33nZyydkeYkTD9QBGlhmdj0bzE4?loadFrom=DocumentDeeplink&ts=1102.115)):

Course.

Daylene Long ([18:22](https://www.rev.com/transcript-editor/shared/ATgtZ81dc0rsYxoPikKsLPeh0W6z5-n2Dj6Mm2NCxdox1ZGYSLLohuxK4YGI_uSF_camwNtSsRayJPwpvaBiZjXWk9k?loadFrom=DocumentDeeplink&ts=1102.83)):

So I've got kind of a list of things that I want to ask you, and I want to make sure that we both have enough time and that we

Barbara Bess-Pashak ([18:30](https://www.rev.com/transcript-editor/shared/Q8dZDPKTLSme3W95_ZwKAu2ng4ZPJfejiVlUWQIqGeN0fO2mj5ihWkMcxyGbCophdxE9SXms8P2HjGaJ8bYQaBl2Lnw?loadFrom=DocumentDeeplink&ts=1110.54)):

Are

Daylene Long ([18:30](https://www.rev.com/transcript-editor/shared/fTlP0NtZJBVQUBPIeTvUT-cpKjDmytfF4H3tyh68btgHp2NyoRN4ZG1yi414iLS4jx4scaKxX5i2JkFLAiyns5YMRAM?loadFrom=DocumentDeeplink&ts=1110.66)):

Respectful to the data that the client wants to get to.

Barbara Bess-Pashak ([18:35](https://www.rev.com/transcript-editor/shared/lnHGNOzshwrpw5dBC0oXwI6DAE5pGfNdihkg_nDaN30rxYKgSYxugAj_uDRzCgbxd---Ar05S81igALes1kIV6KXE4g?loadFrom=DocumentDeeplink&ts=1115.765)):

Okay.

Daylene Long ([18:36](https://www.rev.com/transcript-editor/shared/Tluzl55h2sw-nm-EsBmAaxprQgWj420Wb0H7Y2Y5Ri67uIQyVNQMGQP1ThUR9KUJn40vZLPd-rxqrMFiAF71xLkHm0o?loadFrom=DocumentDeeplink&ts=1116.96)):

So I want to switch you over to what your role in life sciences is.

Barbara Bess-Pashak ([18:42](https://www.rev.com/transcript-editor/shared/dr8X4KbZu1TwOKe3xp-f6NyeKBVVwE-yBb2_MG5gBOGuJozvHoSVYr_3zjgxnYVxPCHqJpfkzbAlHh8LFC4NxTcaSZo?loadFrom=DocumentDeeplink&ts=1122.585)):

Okay. So currently I'm a teacher of the sciences. I'm a teacher. In the past, I've been the science chair. They no longer have science department heads. So a science chair is very similar except for you also teach classes. So that's my role. I'm a teacher. I'm involved with recommendations for materials that are needed. The only difference is that I don't go to the principal directly to say, we need this and we need that. I'll go to the science chair and make the suggestion to her, and we develop what we call a wishlist.

Daylene Long ([19:31](https://www.rev.com/transcript-editor/shared/4giILGavv2ykXhQR0pu-aPzrYo8K2fK8hv2-uDw6xdI3Inm7Di6jZRlVVQ6_71pYK_ch1xc80ljKLzzAUK8NSAiMVpg?loadFrom=DocumentDeeplink&ts=1171.6199999)):

Okay, that's great. So I want to have you think back to the last time you put together a list for life sciences specifically, and with life sciences broadly calling that anything

Barbara Bess-Pashak ([19:48](https://www.rev.com/transcript-editor/shared/77NzujV0JGo2-is5_m6yDzmTgJiTqEfebdVYY72QYiI7n-YWdS63g8WreLXw6SqmyNykFe_BmYLaHmxxF-aC0kHtdAQ?loadFrom=DocumentDeeplink&ts=1188.1199999)):

That's

Daylene Long ([19:48](https://www.rev.com/transcript-editor/shared/w6W_J4umrzIMrK-3qiDwbJ9oqtIzRsVVboGW6HC-5AxsZbzweMBJDI_hdPcQJlQkfQSHiQoN1we-_PYdaIasS4P6s5M?loadFrom=DocumentDeeplink&ts=1188.24)):

General bio anatomy and physiology, environmental sciences, health science, any of those types of things. So back to the last time you needed to put a wishlist together for that and start with kind of the very beginning of when you thought, oh, I need to put a list together for this.

Barbara Bess-Pashak ([20:10](https://www.rev.com/transcript-editor/shared/bdvPAEAabaHi9Kv0Y38YyORfUAEI6mDTrH2yHJVGG8EWU8hZxh9m4o6cmAoCfP5ZiSrtRusQLqvyaplXgegcUuozxaA?loadFrom=DocumentDeeplink&ts=1210.26)):

So that happened in the year 2000, 22, 23 last school year. We put the list together again, we did this wishlist. All of the science teachers were involved because we have the a and p teacher, we had the environmental science teacher, we had the bio teacher. So we had all of those subjects. And even if there were three bio teachers, it doesn't matter because we each have particular labs that we like to use for the same standard. So we put a list together and no one's choice was neglected unless that person felt, oh, I like your kick better. I'll go with that one. What

Daylene Long ([21:06](https://www.rev.com/transcript-editor/shared/lbppkJKQgnQhD7KdEi53g_pN7vy25Y2CyYp3XoOwMlpDawz-4M8JR5YdP3ojzVfGx7qadUbQ0GazX-2on4DuN4JKIkA?loadFrom=DocumentDeeplink&ts=1266.19)):

Time Of year was this? Do you remember what time of year it was? I

Barbara Bess-Pashak ([21:10](https://www.rev.com/transcript-editor/shared/P8ce7RR2TE73HxJUSQKArU6E4nH5kS0Gv4TkcPc0rCVM3eRu-5cxZVaYs2lh0yA2jK_JFoZp2zgj8aUMuaoTMBn88NQ?loadFrom=DocumentDeeplink&ts=1270.78)):

Want to say probably we started in October. So Teachers started in late August, and then the kids started right after Labor Day. And it's generally not until our feet are wet and we're in the classroom and we're lesson planning. Sometimes some teachers do it, you know how they work backwards.

Daylene Long ([21:42](https://www.rev.com/transcript-editor/shared/P0upXEdJs9MoYFAHnBZ5ADap5Ype6PL4PyWKLD-_KGc0NE0J-N98xI-v6EJoAWPMaqAxV30jX85PamaTtbjHV0gPAOs?loadFrom=DocumentDeeplink&ts=1302.82)):

Some

Barbara Bess-Pashak ([21:42](https://www.rev.com/transcript-editor/shared/SpfBY_2DGR67hcFTJi9ODVdOtfxPDJGw5EHeKADuRRILA6OJ0JhDrupEz5BX8PVCilXp1rs_TiYIMQsAnxU4PxDxxw8?loadFrom=DocumentDeeplink&ts=1302.97)):

People work with the unit. Some people do it weekly, biweekly. So if that's when you're starting to look, we also had maybe one or two new teachers, they were bringing up ideas of what they had used in the past, do we have it? And then that's where the questions come in and Oh, you've done that before? Oh, that's neat. Let's see if we can get it. So that's where this started. So I would say around October is when the list started. We continued to keep adding onto that list, and then probably around January, February, the list was submitted and it was based on the school actually saying we have money.

Daylene Long ([22:30](https://www.rev.com/transcript-editor/shared/B6XoPkqTXjolreYUnc3EYw2t8gCwEEkEoa_RkaubrsKWMrY_z_lBihNoykYxv08eLBry_8FR-kj5Nz_FjOKNX9FxCzc?loadFrom=DocumentDeeplink&ts=1350.25)):

Because

Barbara Bess-Pashak ([22:31](https://www.rev.com/transcript-editor/shared/aIML0ZXmS0-t1U7MJIj8hiwzeTg1ygMIBigm9KRIGQJ3SD6G5PjRGrOjXX17BL8DAKoukiRwpDd8WVagWzlBo39Zgig?loadFrom=DocumentDeeplink&ts=1351.18)):

In years past we've presented lists and nothing ever happened. Even though they sometimes tell you they have money.

Daylene Long ([22:40](https://www.rev.com/transcript-editor/shared/sQeFN4LQAWx34jmfb_tlT5kAJ2Lqs_rD3ZclAqKbzi7Dxdu_F8ur7dQt0Q4HHYSXTC6kFopNKNujGfE8tzzt0Jsk6RU?loadFrom=DocumentDeeplink&ts=1360.9)):

Yeah. Okay, so then you've got the order in, it's January, February, And then

Barbara Bess-Pashak ([22:48](https://www.rev.com/transcript-editor/shared/vKzyiep0v-GV1RI5Tv0SeTN52gf6VcXkYbUEWv6fyvVrJtx4tGjWcTK34DkhDjWH8uKCABHHMHC6gxBuzf8blBChmVM?loadFrom=DocumentDeeplink&ts=1368.79)):

The order came in the spring.

Daylene Long ([22:51](https://www.rev.com/transcript-editor/shared/vssNcPrQEHG6WFzeWBWMK3FvTqvzRvq5586LQUTijd-4cYWq--w-1RAwf6g8IxzlMOcyaydgXF6xXI8FFUJ2W5SI380?loadFrom=DocumentDeeplink&ts=1371.19)):

Okay, so is for you guys like March? Yeah,

Barbara Bess-Pashak ([22:56](https://www.rev.com/transcript-editor/shared/A6u5QRtY88_V2yOfWs-Pc7etRiZGboyraCiR-A8Naf4qcyu4TvLWrWhuJ9rwk_SfWWHsccJxnOMOWQclwwDfHeWoAK0?loadFrom=DocumentDeeplink&ts=1376.41)):

Yeah. Going on the fourth quarter.

Daylene Long ([22:58](https://www.rev.com/transcript-editor/shared/3VzSqlqnitXtr0PDjOms_iBc1UnZG5Krwp0mhnWslcKEt3I6YTUECLanv7NVej9z339ZV0YOcEuiFpIyyevFi_V3ngk?loadFrom=DocumentDeeplink&ts=1378.84)):

So

Barbara Bess-Pashak ([22:59](https://www.rev.com/transcript-editor/shared/fO728SBZ1HaMicyH0B03n21a7kSPU0B4Crkh2I_BRYR5h5zjAqB14KqPtM1Nz4S_kgveM1zgpQceTcUNeFviDxJKK6o?loadFrom=DocumentDeeplink&ts=1379.74)):

The order came in, we were using the materials that fit the curriculum for that quarter. But the nice thing is when we started in September of this year, everything was right there.

Daylene Long ([23:15](https://www.rev.com/transcript-editor/shared/ZsTZFeDEK4IRW4JzCdvG2oz2QIGmM4bGOnadTti7f4w0C38U1FXeRo8SiXL8D_brBsx9KbB7oed5dZDAZ3hFPv1-ZvM?loadFrom=DocumentDeeplink&ts=1395.76)):

Yeah, that's

Barbara Bess-Pashak ([23:16](https://www.rev.com/transcript-editor/shared/EXchN5KGFSrhpBe9qMqMmwctH3W0vQjbSh_cqx23a3DPx5DhmoK0rURsSXSYKqYyPBSKawSpTkVG1Cf2vUu_2pdqFOA?loadFrom=DocumentDeeplink&ts=1396.45)):

Right. Ready to be used.

Daylene Long ([23:18](https://www.rev.com/transcript-editor/shared/BtYP_0CltvzTEaNAN9kfvcqktceWTz-A-MCLftnOLoHIcDjWmN_KUaPlwMncqZPAy5PV8aE_izmtIHm0XOZ7tvQpzOs?loadFrom=DocumentDeeplink&ts=1398.46)):

Do you Remember some of the vendors that you used?

Barbara Bess-Pashak ([23:25](https://www.rev.com/transcript-editor/shared/teg-XERErqHse-p2zJMNbn7DTYRoO6SS1MGf-P9yY7SbQPZCyjuFrOpXoZWipB7Ts0Bu3YDtLua1pxnuZioxOi9SQiI?loadFrom=DocumentDeeplink&ts=1405.18)):

Yes. So the school district has selected vendors. Even though we may receive catalogs from other companies, they have selected vendors. They're selected vendors are Carolina Biological, Fisher Scientific, I believe those are the two top ones. And so oftentimes we would go between the two of those to see which one had a more complete product, not just let's say the solutions, but what else comes with it.

Daylene Long ([24:13](https://www.rev.com/transcript-editor/shared/SmKdV58YRQSPTuAlx_u-dCV48dFdPAhUPyk07uqzwp6q2PbVXJb98lNqbHzthrOee8x1Y1ABh4ypwLQf4pw6hDX9Pro?loadFrom=DocumentDeeplink&ts=1453.82)):

So tell me what would make an ideal full solution for you, if that's a criteria that you looking at between vendors, it's helpful for companies to know in an ideal world, if you were making the perfect hit or that type of thing. What do all of those things include?

Barbara Bess-Pashak ([24:33](https://www.rev.com/transcript-editor/shared/N_wNaSOgCwgjrexklX8v4N11R-_t7muGyt_umB-5nyuxFOAy2vcLWgJyr-SOok5ugmTskxkLo8-15DePM9IFNHh6PAM?loadFrom=DocumentDeeplink&ts=1473.92)):

So for example, when you're using the microscope and you're going to use dyes to bring out cell parts, there are some kits that will have different types of dyes. The pigments, they'll have different ones for different things, and it's labeled, but oftentimes teachers will just go and then they'll just choose the one that's there.

Daylene Long ([25:07](https://www.rev.com/transcript-editor/shared/4yQANkLtWODJNWNUD_gWAynK0Z2wHCKTCUa3oG2LG7KUSwIvTRXt-kkf6oerNRQavB-B7nzZlMek7imEvUxy_dDsOzY?loadFrom=DocumentDeeplink&ts=1507.01)):

I have had a kit

Barbara Bess-Pashak ([25:08](https://www.rev.com/transcript-editor/shared/eEtVcwLUz7YHHnY8miud0VxgmBaCXIrW3n4et-skxvlXP_rRlexGosTDne9onzoGfiz0X3VESQTdhffD2Qpe-Jdbujs?loadFrom=DocumentDeeplink&ts=1508.84)):

Back from University City Days that had about 10, and they were like, where'd you get that from? And I said, well, here, take it. I'm sharing everything. So I think that's what I'm talking about. If they have, I know you don't want things that you're not going to use because it's more expensive, but it is pretty neat to be able to buy a kit that's complete and that you don't have to search for all the other items that might be needed.

Daylene Long ([25:46](https://www.rev.com/transcript-editor/shared/B0ofmB-mcxrHT4ipAbvFd1NnPIoVj-sbZYGMTzNqmIe0xb2RZ3mvqagJ4gNJwESBKkGT-CaC-AlBqpCDrkkVmRgCLlQ?loadFrom=DocumentDeeplink&ts=1546.25)):

Do you have a sense between Carolina and Fisher who you were buying more from? Who did the best job of putting kits together?

Barbara Bess-Pashak ([25:56](https://www.rev.com/transcript-editor/shared/x5LZ9Y3XPE91tc-DbaUazynQLSptPcwkpnjWwtGnyrZ06BVhVFv_ZJwHvtsK-CVWRZlo_oIVWHUNl5O5ENETR_0-7MU?loadFrom=DocumentDeeplink&ts=1556.42)):

I want to say Carolina probably gets a lot more attention for maybe a reason that works for them. Carolina sends out a lot of emails on a regular basis. They're advertising their kits. They're advertising kits specifically for advanced placement students. They're advertising kits specifically like STEM oriented. So they send out a lot of emails. They also started doing activities that you don't need their kit for. And so they'll say, click to find this activity. Of course they do other activities, but you do need to purchase those kits. So they want you to see, hey, if you want to do this and you check it out, you watch the video. These are the kits.

Daylene Long ([26:58](https://www.rev.com/transcript-editor/shared/hUSMsA0aW3BdeyrCGJizXrxarj0N-oQpJwo8i2g-ehkSLYGiZPkpv2x01ZU0cNFb_OqRtJEVRZn6jomoiZf6XPoYESg?loadFrom=DocumentDeeplink&ts=1618.89)):

Yeah. You said, I just wanted to get clarity on something you said they get a lot of attention for things that may be beneficial to them. Was them Carolina or was it the

Barbara Bess-Pashak ([27:12](https://www.rev.com/transcript-editor/shared/Cm3hYef3ELQiScwqSzexd4oeF7i5s7HSJU89Xlc0SnDqOUPC3aCQSaKOlFUzlMIzARbl6fXi15ICsP2Nfm7dXkolIDE?loadFrom=DocumentDeeplink&ts=1632.24)):

Teachers?

Daylene Long ([27:13](https://www.rev.com/transcript-editor/shared/RLc8ZeztH1oYOq1MsVBTYQk0EKMpLXNLjbXVvZy50zTk0gVb6GWugIw-y-5TsYaVlmwdKwgkJOB0Rz1I6q9V1MJ-wTk?loadFrom=DocumentDeeplink&ts=1633.2)):

The Teachers

Barbara Bess-Pashak ([27:14](https://www.rev.com/transcript-editor/shared/XAiqEF-rzq2R-Jkj6HqB2MUkAQS95iWMC_H7a0U-GUGvbPtFl7BfaEA9iHyV1tUrHwZ1SZZQ2F7MV3P09D6zCAO4DWw?loadFrom=DocumentDeeplink&ts=1634.34)):

That benefit the teachers. So for example, so you get these emails, you see the new kits that they have, you see in a video how you can use it. You have an opportunity every so often when they send an email with try this, but you don't have to buy a kit. They'll send emails with a poster in it that you can print out. It's not a poster. Well, for me it's always like an eight by 10 size because I print it out. But the point is they make an effort to support teachers without asking you to buy something.

Daylene Long ([27:55](https://www.rev.com/transcript-editor/shared/ugN21giCadqq--ShYICyzkvsdj2g9MFV0Qbsrx7qgh2qT9xaEJ7K3feg3fzWdOC5lf_TzubVQm2HpE6Vd3UCoS5VUt4?loadFrom=DocumentDeeplink&ts=1675.92)):

And you like that? Yeah, I,

Barbara Bess-Pashak ([28:00](https://www.rev.com/transcript-editor/shared/gW4F_VFzbvis4Ufpg9uuHPdQ8PNfFFfQhMTJ0vqnEm-QBztK_9n2w4udZU9QLAEKVyTl5twi52_5z1TowiNmCFpzKe0?loadFrom=DocumentDeeplink&ts=1680.93)):

I can't say that all my colleagues are on the email listserv for them, but every so often I will share my email with them. Because if it's a topic that we're talking about, if it's an activity that you don't need to buy their kits, they should take a look at it. And I just encourage 'em to get on the email listserv because you don't. And they do send out the emails on a regular basis, but their emails aren't like a store email like 20% off this week. It's not about that. It's always about the curriculum, the standards and what they have to meet your needs for that.

Daylene Long ([28:46](https://www.rev.com/transcript-editor/shared/qqiEVPlB1PbjLJ11wuCKV5lqAVLrJPd2kpuDWfDTmBlu7RDlZZbSGMN9mmytN1SIbUBI3xUGM46kfXainpqEBnYVudE?loadFrom=DocumentDeeplink&ts=1726.5)):

Okay. So tell me about the timing on those. If you are going to teach a standard, you know, always teach the same thing in January, I'm not really sure what that is, but let's say there's a standard you always

Barbara Bess-Pashak ([29:00](https://www.rev.com/transcript-editor/shared/q2e5TQlmgRemqrTkkUokWaX9C2xatqDMNECGvqCzMBt8AS7VPsQ40y75OCRSOz9II3TBsKaxjq9jF0dY2va6so52IEo?loadFrom=DocumentDeeplink&ts=1740.9)):

Teach in

Daylene Long ([29:01](https://www.rev.com/transcript-editor/shared/a_4S68bAp1_r1isX03jAAstg7a8k16_3la5QokKCrjgFJhEuwppZ5ZDdVZ0Nv6unZTf06aGNp5ArNBAnCexJcKAJ3Ts?loadFrom=DocumentDeeplink&ts=1741.23)):

January, when ideally would you want those kind of extra nudges from Carolina?

Barbara Bess-Pashak ([29:08](https://www.rev.com/transcript-editor/shared/fVFDyqA5FVlRpb_cVtXhWGwi8ZXmLV7Eu_qdm4U3YmZLHT3CdrhD72_aE1qWuctSHsNwcaxnriXlXU8v-Gzl5D7ngws?loadFrom=DocumentDeeplink&ts=1748.94)):

So it's a good question because their emails aren't always aligned with the sequence of our curriculum because I thought, oh shucks, that's pretty cool, but it's a little late. Doesn't mean that it can't be purchased for the future year. But I also have to keep in mind that Philadelphia school district is one of the largest school districts in the state of Pennsylvania. However, it doesn't mean that all the other states or even cities within our state, the school districts are following the same sequence of the curriculum because we all take the keystone tests, the students take it. That is so we all have to cover the same material, but the sequence can change.

Barbara Bess-Pashak ([30:06](https://www.rev.com/transcript-editor/shared/z2IjcA5fweswK9s2QuNfHZYJyWgs92Zgn-Jl8RIJPBBKPjCJcS5QlPCoFE9zkEeBp0262rVh_waqIytbr71pK8K0nsw?loadFrom=DocumentDeeplink&ts=1806.67)):

I've seen that even every so often, the school district science curriculum office is tweaking our curriculum. And as I'm talking to my colleagues, I'm like, didn't it give us two weeks to do mitosis and meiosis? And they'll say, we did. I said, now look, we've got five days. So they're always tweaking it, adding days, taking away days. Sometimes they go back to a topic that they started off with and then they go back to it in the spring. I know that for environmental science, that one has been tweaked tremendously. I don't think that outside the Philadelphia school district, if someone was teaching environmental science and they looked at our curriculum, they would say, oh, that's what we do.

Barbara Bess-Pashak ([31:09](https://www.rev.com/transcript-editor/shared/h9igj9ZjqbZArMsKCsCIoAPra6a7FXD6Tk6lgJxuS5GQ0TOD43dFJFveEfAjDfnKelGMUBRRR18GOCJc7OqZv9l049I?loadFrom=DocumentDeeplink&ts=1869.16)):

They've changed it tremendously because they want that course to support biology to get the kids ready for the keystone. So they put in topics, of course it's science and you can fit it into environmental science because we're talking about the living environment. But they'll spend a lot more time on things that are real that you would normally just do in the biology classroom. And then they'll go back to those topics again in the spring and teachers are looking, we'll talk about it. What are you going to do now that you haven't already done? Then teacher's like, I don't know what to do. I've already taught this topic two months ago. Now they want us to do it again. So the teachers are trying to figure it out. So I know that for us, environmental science does change within our school district.

Daylene Long ([32:00](https://www.rev.com/transcript-editor/shared/NfTj_T7bv3PcvPLxIGIcQeoPQWbIQ2W06S1QU5Hrs9Zzh4n-zxGSfdH2Jib7c5U36zkqgfg4ZvmWEJYnF-tAob470Nw?loadFrom=DocumentDeeplink&ts=1920.16)):

So in an ideal world though, would

Barbara Bess-Pashak ([32:03](https://www.rev.com/transcript-editor/shared/G29nOQ8vMoRNzE-1LvuK6n_CQF6sDeNF06A8E3MODHlUGqRMVqjSGpVreXOTwoVnEStw0xQUPgRpbUokRamOZaOU_-4?loadFrom=DocumentDeeplink&ts=1923.01)):

You, the

Daylene Long ([32:03](https://www.rev.com/transcript-editor/shared/JKL7HKMSfj7y_RUFT5fcM3o2tYHk1j6cchdDhzPm_Og39XrTzmwVCblHjvqtRaRCDXGf707Cr7pirR3T3mdVFA4MGXM?loadFrom=DocumentDeeplink&ts=1923.465)):

Email with the extra perks and stuff, would you get it a month before you thought you had to do that top a week before?

Barbara Bess-Pashak ([32:13](https://www.rev.com/transcript-editor/shared/P0KjkervGw1GU1IGMrwP5KdMjFlH8r9BGxBxQYgxxT_BwwRu--prtnQY0J34wKx_ZhddP5Pn0Eq0j4hL1lqcoP6emUo?loadFrom=DocumentDeeplink&ts=1933.39)):

If

Daylene Long ([32:13](https://www.rev.com/transcript-editor/shared/GJaWnqb7Gb6ZrTNwjDLU5BC4zC_Zw4meaQL3H9Vi1UmjdEGKSqupK0-gf5mifS-FOtC_FmIFHsiwaimOfvXeBAGABKw?loadFrom=DocumentDeeplink&ts=1933.99)):

It all magically aligned, which we know that would be difficult, when would it arrive?

Barbara Bess-Pashak ([32:20](https://www.rev.com/transcript-editor/shared/M1uKRgfHcoUqJIlV8WbDKIdhr9tQewWCN0gMhyE9btipJVbPrSuZTpvIc268VsjykO4FIFOqETl7HaOI7a0tWD5fOOo?loadFrom=DocumentDeeplink&ts=1940.83)):

So in the ideal world, when would it arrive? If the school district set up our professional development to allow for the science teachers to meet as a group, then I would say, wouldn't it be wonderful to receive it over the course of the summer or at the end of the school year? So we know that we have it and it's locked up, and then we would be picking and choosing what we're going to use, make sure that we both have can share it, or we have our own, that would be perfect. But because the school district shifts in the amount of time that they allot science teachers to meet. For example, last year, science met once a week, and our other meeting was by grade level, not subject, and that was all about student data. This year we have not met by department, which is, it's horrible, horrible, but it's the principal's discretion. So that's why I said, so we're not given that time to do it. Some teachers can stay after school, but not everyone can stay after school. I get their super early in the morning. Most teachers aren't there when I arrive in the morning.

Daylene Long ([34:01](https://www.rev.com/transcript-editor/shared/AGPDjno2YWoPIBjUBNqb4RSS-St2-pKTQiKKxIv3H1CxXPTEwh3SDBsPVFBH9xquZLVpzggjHVozo1-fXktfL6JbbWQ?loadFrom=DocumentDeeplink&ts=2041.25)):

Barbara, I want, before I forget, it just is kind of on my brain. We talked a lot about Carolina. What do you think about the other one you said you used was Fisher?

Barbara Bess-Pashak ([34:12](https://www.rev.com/transcript-editor/shared/1S8ZqWi7rnRw-hWq0WS7vhmXUo_xamq70RYNDQFVYJQZEstqs3_ZB9Cqc26fk9cWsoT38j0QEpiaJKhyCSG4Kb-18RM?loadFrom=DocumentDeeplink&ts=2052.86)):

Yeah, and there's another company, fry, FREY.

Daylene Long ([34:16](https://www.rev.com/transcript-editor/shared/ruEzFU42pTeFQhjzP8Rdp20l02AvlAY_JsYCRcSv8GW-aVT9UN_lmCs8dGHI3bSUICBOE8yGpe5pDb4YSu4Ewt33Vik?loadFrom=DocumentDeeplink&ts=2056.04)):

Okay.

Barbara Bess-Pashak ([34:17](https://www.rev.com/transcript-editor/shared/U7--9rFzathJrShvt3jNPROJD2BzBrRVuGMvNCTP1zePK5xcPmnF8aV5LMkKGrtf_1OVcioLv3yH_MVd6wvVrswjpYA?loadFrom=DocumentDeeplink&ts=2057.45)):

You Like try

Daylene Long ([34:18](https://www.rev.com/transcript-editor/shared/J-JqscvX7gXiotrh_YM_pVXZnkWTOyQxJAo7NDN8rvARD6S8hmrf9RYE2k-bVoEA_TiveXSKdNvGy2JTNvIprpQWfSg?loadFrom=DocumentDeeplink&ts=2058.26)):

As well?

Barbara Bess-Pashak ([34:20](https://www.rev.com/transcript-editor/shared/Oi6xA1x7yuiFOA86v_mtmvOv_bQeFY6pcjnm5L8TozDeLZip7E1jMu112T0ZOgZoHadxNj3W5vBD7MTXW7O0fBDtzOM?loadFrom=DocumentDeeplink&ts=2060.245)):

I've used, okay, so let me explain. When I was at University City and I was the department, the science chair, when I realized which vendors the school district supported, I would use all of the vendors and I would put my orders in. I didn't wait for them to tell me they had money or not. This is what we need because that was my position and it worked. So I used all of the vendors, but when I came to Edison, it was just very different. The principal wasn't interested. The answer would be there's no money. There's no money, there's no money. So you sort of respond and act based on your leadership. So that's why, yes, there are other companies, but I don't think they use Fry at that school. I don't even know if they have a Fry catalog.

Daylene Long ([35:28](https://www.rev.com/transcript-editor/shared/wCcDGe1tsrTnlCWh4s_sYcKKMPu1gCqFNR7r_smpyA1-n1zzPVuBUVpB1m_7D6MnBtUWcI-Kq5eIoYaWSsIPS8QWlGg?loadFrom=DocumentDeeplink&ts=2128.91)):

You mentioned two, there's no money. Sometimes it comes from the district for a science department, the school you're currently at. Yes.

Barbara Bess-Pashak ([35:39](https://www.rev.com/transcript-editor/shared/dXAPfDkvC6jfIEQrEZgwgpR8FXVIkGvvh5qvwpG5p1scy-xS2mY9AEQen9PoD8Hwlcu7p3ZtqIJ890mfs5qXhTRRuqE?loadFrom=DocumentDeeplink&ts=2139.7199999)):

Do you Know

Daylene Long ([35:39](https://www.rev.com/transcript-editor/shared/C1_Rj4n_eu_9FFW2TCawqbrfaB3pwYhgZ3YWUQV1DZxAbcjjg4fPJIfcLEM-fT4aekywBEIJVmY392L2UV9UrMzLD08?loadFrom=DocumentDeeplink&ts=2139.9)):

What your kind of average annual budget is? Even if it's a range?

Barbara Bess-Pashak ([35:48](https://www.rev.com/transcript-editor/shared/XfrBTgi3ssMKh91d13zy_BGcF4_unysq03g7OBlYof7QLv5_RxZckdnxipzZfD-li-lxlLx75ZPUicgjs8y7RWVootg?loadFrom=DocumentDeeplink&ts=2148.3)):

I've heard, for example, a couple of years ago, it's sad to say it, but it was a couple of years ago, we heard, Hey, we got a thousand dollars to spend. We put an order together, we never got anything. What happened to the thousand dollars? Oh, oh, they took the money back. We were too late in placing the order, not that it was our fault. And the school district will do that a certain date in May. They will go into school's accounts and remove the money if it hasn't been used. So timing is of the essence. If the money's there, they need to tell us it's available and we can use it. Sorry. That's

Daylene Long ([36:34](https://www.rev.com/transcript-editor/shared/I5zrWjjeZ5ASFUVKq_F7Tt2PXTTK2SId2tWrPSO4LGeF2RfNmLtUONt5QItF2nFs1u-sXZBJy-4K3B61zIuqsktqBIk?loadFrom=DocumentDeeplink&ts=2194.35)):

Okay.

Barbara Bess-Pashak ([36:35](https://www.rev.com/transcript-editor/shared/QCFDlofi5HUYyUWxemIw2zK6eKiho2L-lEpnfypugMda71PCUVi_Gs2wgWkBD5Uu7PgCa5rhM4VkbTaQKFofIyQcFgM?loadFrom=DocumentDeeplink&ts=2195.175)):

Okay. We've

Daylene Long ([36:35](https://www.rev.com/transcript-editor/shared/sNS5AmMIpLDRIrzROAz9tphfRFstzJuFwZt-c3eOnZkZHCX0NFhbCQY2q6qCiLX-ZWxyUvrVvutSUKgsX3pjPQbmVJ4?loadFrom=DocumentDeeplink&ts=2195.9699999)):

Got time. We've got until 10 45.

Barbara Bess-Pashak ([36:39](https://www.rev.com/transcript-editor/shared/wEKyAkIJovcUvbR7aF6cpdmAt4E3FNK5poBHdtydV3bBI8p45QenSbY1GEIxj3tIHfi6IB7tpqru1wpEjDyofvqoCuY?loadFrom=DocumentDeeplink&ts=2199.27)):

Okay. No. So unfortunately, I know it's really difficult for me to give you exact answers.

Daylene Long ([36:47](https://www.rev.com/transcript-editor/shared/5r4GaA7xuoKg9Eutcmah4PH3GDRWiXs511If0rKtSy3-hxuK1fVM1n60_1RGpys0e4QLzcVi3EDY5x69eR29G06CSIw?loadFrom=DocumentDeeplink&ts=2207.67)):

Just A range even. You mentioned a thousand dollars a month.

Barbara Bess-Pashak ([36:53](https://www.rev.com/transcript-editor/shared/q6G5Wc7Ef_q7do7Zp0kZ7wX29Dv-vMu0tnFTWDhhM924c7wgIWejR8eKXJW6r_LqopIBifrfPhbLo9PJ-XUukonrz6Q?loadFrom=DocumentDeeplink&ts=2213.19)):

Yeah, the order that was placed last year, the order that was passed last year had to have been, I would say at least $5,000. At least $5,000. But so I'm going to tell you a side note, just to let you know how disorganized it can be. The science chair was sitting in an interview, so we're able to participate in the interview for incoming teachers. So one of us would sit in for science at the end of the meeting. This was a chemistry position. At the end of the interview, the AP assistant principal, I believe, wanted to send the message to this candidate that they are invested in science, that are, they support science. So he said, we just spent $10,000 on microscopes. And the teacher apparently said, oh, wonderful. And the science chair was shocked. She had no idea about it, no idea. So after the meeting this candidate had left, she said to the a p, is it true that I heard you say $10,000 was spent on microscopes? Yes. She says, we're inundated with microscopes. We don't need microscopes. It's not even part of the curriculum. It's one of those things that you just embed in your lesson. And so some teachers will spend a day on it, some will spend a day and a half, but it's not in curriculum per se, as it used to be 20 years ago. So she said, we really don't need microscopes. I wish someone would've reached out to me. I am the science chair, and we have a wishlist.

Barbara Bess-Pashak ([38:52](https://www.rev.com/transcript-editor/shared/ZO-Sf0IyuN030QeLMd3mgWEaZo9DjRvaQ3okVcPvtWHoIKUVOZp15RH5RTp31TVqDUQK1w9Al8H10LD21oqGTfMjIMc?loadFrom=DocumentDeeplink&ts=2332.51)):

They, there was no comment. So How

Daylene Long ([38:56](https://www.rev.com/transcript-editor/shared/DTa4Ri9_xoGY2GTbtQS7ClJKFYicktfk8-3AhB7oDr06N0dqT3Vj1VgTiw3a8-VD4EU5Pf99VS_4CwG1E9GcAjt-hhs?loadFrom=DocumentDeeplink&ts=2336.26)):

Do you keep your wishlist? Do you use an app for it or do you all just keep No,

Barbara Bess-Pashak ([39:01](https://www.rev.com/transcript-editor/shared/93BHxihhEAPUx2IkGghMWCV81CWhPOyiIkevSw7t4te9J94N5da3qjv79vq9-yPCsO29yjSxvD6dRGLpNDJSNQTpFw4?loadFrom=DocumentDeeplink&ts=2341.15)):

No, we just created a spreadsheet. It was just a spreadsheet and the windup is ready for this. I have yet to see these new microscopes.

Daylene Long ([39:12](https://www.rev.com/transcript-editor/shared/ooKHSabvad1fKUrYg1kpDL6zokV7_vYddCgB3PIV2YLOcquOYBYdTRy3t3smOMXFEhRcVL8drtY4L9zHAg6gsO_Bmvk?loadFrom=DocumentDeeplink&ts=2352.025)):

Okay,

Barbara Bess-Pashak ([39:12](https://www.rev.com/transcript-editor/shared/g5T2PvhaSdWWJR1kE8uXpsUfibOOoMNYN6C9Ts1F7iE0r919OpTZWJWUY6Q8AW1LfVFYiofsB7AVh-PlYSJg2W-IbZw?loadFrom=DocumentDeeplink&ts=2352.52)):

So it's now what? The end of December. I have never seen the microscopes, $10,000 worth of microscopes. I haven't seen them. Nobody has seen them. Not that we need them, but we haven't seen them. And the science chair, right before September said, you know what? I'm not respected. She fabulous teacher, fabulous teacher. And she said, it's not what I want. She left

Daylene Long ([39:38](https://www.rev.com/transcript-editor/shared/c8uGU1VBY1OZE9IbER6UyRyYGpJaVAWlW5z7ACjHst1tZRYGmgbfdxrCha_WwX9WUGlClYE9sd_1d2hTQ3HD5KXuIrk?loadFrom=DocumentDeeplink&ts=2378.4699999)):

And I know

Barbara Bess-Pashak ([39:38](https://www.rev.com/transcript-editor/shared/OvXR3EaYCGqZvYiWCWQyEtMAA_uZFdEnqqy0KS3KyXYzhAQTJqFMae5evxABwrQgLs9VS2l3xBIe8JzMI6h389mmrE4?loadFrom=DocumentDeeplink&ts=2378.98)):

How Much

Daylene Long ([39:39](https://www.rev.com/transcript-editor/shared/xqnngtQjvjXTkmJMqPogsI_eaHqJjrcR973FEUaycoBcj2h9ZOkqXelrtxSbeyY6G8uNQO7ARDnaUbRTri59p9Y6gqg?loadFrom=DocumentDeeplink&ts=2379.225)):

Who, oh, she left,

Barbara Bess-Pashak ([39:40](https://www.rev.com/transcript-editor/shared/qx8ri7G4OWSn3yxXOgKli7YybvSdUin4USuiaWz2XJ_V8pqmdoWdrXcjOES-ZAvREfdxVKAQ45SZPQYFneqvFSXOlGk?loadFrom=DocumentDeeplink&ts=2380.9)):

And I know how much she loved being at our school, but when our administration changed, science just wasn't okay. We had a science teacher who then became our ap, so he oversaw the science department and was a very strong support for science because he was the science teacher. And that's how we were able to have a really strong science team, extremely strong, very cohesive, worked really well together, we're able to order supplies. As I mentioned, now, our science team has almost been decimated because people have left. People are thinking about leaving. Science team doesn't meet. It's very sad, but I think it's based on leadership. That

Daylene Long ([40:39](https://www.rev.com/transcript-editor/shared/Gvif02LdyitOwCiTEnhleXed8DtES7kkTHUVyHIUv36lBJm6WqLo2yVwMywE3QNKuriL7470BRneVFE1GzdlCDMjnGg?loadFrom=DocumentDeeplink&ts=2439.25)):

Makes a lot of sense. I have two topics I want to cover, and I want to make

Barbara Bess-Pashak ([40:43](https://www.rev.com/transcript-editor/shared/eLkbyRGAOhhmzFJpljnz3BceKHr53b8alwA9sUhv519lGvo8aIK4TdrVFLOhblB5fsBRfuVZn-F5rUQlrmVmHVIoE7k?loadFrom=DocumentDeeplink&ts=2443.54)):

Sure

Daylene Long ([40:43](https://www.rev.com/transcript-editor/shared/fWQW45XycafUJcCJMLwrmSLXTWgbUiwX7ig11__GUeEO0zss0F8TaNUQ1IMxCiI8R708ID65I4MLHhDibPXmxeQMlmc?loadFrom=DocumentDeeplink&ts=2443.69)):

That we end right on time. So I'll just tell you them both. So the question is, what are the key attributes? If you're thinking about a reliable, trustworthy vendor that you partner with, what would describe them? And then at the end, if you have any ideas for things that you think in the life sciences are missing for teachers to students, we'd like to hear about that too.

Barbara Bess-Pashak ([41:18](https://www.rev.com/transcript-editor/shared/vtn8CBaJwu043ryppmxSEqv3NP79t_OIm7z7uEK810vk5Ii8gjD1xblXZ_ceu8kmWCgrEFPZP5iJCg5XU2ArPWQnFAI?loadFrom=DocumentDeeplink&ts=2478.25)):

So the vendors that we all would expect is that the materials are going to arrive

Daylene Long ([41:26](https://www.rev.com/transcript-editor/shared/orRgokOYKiuwlIK5z1JTKS9JMAXjduZgU8a210zBBO1XxouqE5qkg-0-tTHhdkPfguB7k4dbGHt3WJTXuwe0QPdxn0Y?loadFrom=DocumentDeeplink&ts=2486.92)):

As

Barbara Bess-Pashak ([41:27](https://www.rev.com/transcript-editor/shared/vj9oFTD9QdywzILuKaLPpbiktBYvd5Y2OE35Rgrcn_hXZmwUcwhSETP4NKdudkn4wlQ33Hpx_uCAP7p9i-_ViiINo7s?loadFrom=DocumentDeeplink&ts=2487.9699999)):

Stated, you don't want things piecemealed. You get this box this week and a month later, you're getting something else. We don't want substitutes. If we've chosen something, that's what we would expect to get. We would expect that instructions would be there, that it would be a high quality material because the kids are touching things, because in science, you want them to be curious and active participants, so you don't want it to easily break. So we want it to be high quality, dependable. You want it to have a customer service number that you can call. You want them to have a department that even you questions about how to use it, that someone can answer your questions. Oftentimes you'll hear, oh, well try the video. So I think we're looking for all the support that a teacher can get to use the material and use it so that it enhances learning for our students.

Daylene Long ([42:41](https://www.rev.com/transcript-editor/shared/yOwgVWnIJdXHZn8hmMnUmhA8r5xdXap-_j5NsSuvAaC0qhPZwW06wqluzqFXd-Al4Qgksw2u3t9BbfEDlYcSMePfb5M?loadFrom=DocumentDeeplink&ts=2561.69)):

Okay, that's helpful. And then that last question about is there anything that's missing out there that we should consider? And then I will bring Kim on and she will ask us any final questions after that.

Barbara Bess-Pashak ([43:02](https://www.rev.com/transcript-editor/shared/8t5_OyyDJdmPftmwZHzYg1xR0sG14pKqm0-ke9bquvEJdRFc0DHB8e7p9l1W_qJrZRBxvN2N3R6Iaf-0w5Gu9NvZaPo?loadFrom=DocumentDeeplink&ts=2582.39)):

So I don't know if I would say that it's missing. Okay. Let me give you an example. So for mitosis. For mitosis, I've done activities such as Oreos, Oreo cookies. Do you know, are you familiar? You open up the Oreo cookie and then you use Sprinkles? No,

Daylene Long ([43:32](https://www.rev.com/transcript-editor/shared/cbOBdp-oJG_1fMdDNgR7E-riyYOlQj80sxkfxg_QR5Kt2kbW8Bn1q-WNaFRz-z4vvuKHGE0YlFWGHfax9GKZFjBxkVM?loadFrom=DocumentDeeplink&ts=2612.03)):

I haven't heard

Barbara Bess-Pashak ([43:33](https://www.rev.com/transcript-editor/shared/o9v-1ZH0EVV0rdvq0J5Obe1WDzslLluicZHAGcgkI8E-hVp957rjY2kxdcI2L3eZuf04m_5fSs4y4xE9m7xb9hA8Gsc?loadFrom=DocumentDeeplink&ts=2613.86)):

To represent the stages of mitosis. So you have a lineup of your cookies. Okay. Now of course, the kids won't eat the cookies, but you say, well, just hold off. You'll eat them at the end. It's a really cool activity.

Daylene Long ([43:51](https://www.rev.com/transcript-editor/shared/Nd5mKEoBUyIR6uVysAm2CeR0cXF9U1Yw7z2nAbBRSb8MwQ_Vy8WKlWTrzaGyA5RG1Dv0HXQExkfSbarJa64n1mEI8B4?loadFrom=DocumentDeeplink&ts=2631.4699999)):

Sounds like it.

Barbara Bess-Pashak ([43:53](https://www.rev.com/transcript-editor/shared/gQQXq2mmmONmrZYp2wboBw_o199kBdYiHch47ytLK7fkHfFERMGg4z55XZrNdvqQOh2XdsOz9ER1PKKrXNc0DfwuaXs?loadFrom=DocumentDeeplink&ts=2633.9899999)):

But a lot of teachers don't know about that. And so that's something that I would share that I do. I often take pictures of the students' work, and then I can show teachers different ideas. So yeah, some teachers will Google mitosis and they could find these different activities, but it would be sort of neat if a company could actually list different activities. Now, how would they make money? If it's this Oreo cookie thing, they wanted to do it if they wanted to do the product, but it's not an edible cookie. It's like a disc. And then maybe they add the icing to it, like the gel

Daylene Long ([44:50](https://www.rev.com/transcript-editor/shared/r7CNGakLTeax1RLhdrZ-qUE-tRzc9mnZWkt208XoBVMYFt56gw1rmykKsfJdqbnKaUTYIWeps9pafXoL_q8IBuKwDf0?loadFrom=DocumentDeeplink&ts=2690.28)):

Or

Barbara Bess-Pashak ([44:50](https://www.rev.com/transcript-editor/shared/m_q-DjFSxMNnDv20CL-2xj2dQk8BnsPCNq-vNt_M9fNkOpXLWa6-gtiMd4BvMQB3d5nteOJs1CdYu1N4-3MGp9qIcnE?loadFrom=DocumentDeeplink&ts=2690.46)):

The sprinkles, whatever. And then you're just sort of removing it and then you just rinse it off and you can reuse it.

Daylene Long ([44:56](https://www.rev.com/transcript-editor/shared/-eDIy-ObhdHL03kBvTcqsXos5_xubWajL8Dx2TpiE-cUu-uS_RvhGrTbjciVYWDyE4-D4zjl65ZZ564vNIjDIWJS8_s?loadFrom=DocumentDeeplink&ts=2696.79)):

Because one of the problems is that teachers

Barbara Bess-Pashak ([44:59](https://www.rev.com/transcript-editor/shared/N9TpCCPaooN8S7roYrA1OGWsmbsr2-dw8ImNySQjVlneexMKlCm7Td81FejjivtjAseoVmmYRS7l8_gmysJL2UJ71bE?loadFrom=DocumentDeeplink&ts=2699.76)):

Often want to do these activities, but they don't want to keep buying the cookies. So for that reason, maybe the school's paying for the kit.

Daylene Long ([45:16](https://www.rev.com/transcript-editor/shared/6HyM5HttEmDB9HhgYuNga-NbovqN_1Hhv9v3QqvXWJ5tPBCODTCy-xazOXzdOULHl-SVNyGLYLPfYNjEh-4VwH47zTA?loadFrom=DocumentDeeplink&ts=2716.32)):

Yeah, That makes a lot of sense.

Barbara Bess-Pashak ([45:19](https://www.rev.com/transcript-editor/shared/b7zp-fM6ZzsFYFpF9T83BmikDbnqZRPVSqgQ1XjmK0Pch6kko3ERzs8nchSRXyxvOXiZbJjxxOVdy4B50UEXyr9i2Ks?loadFrom=DocumentDeeplink&ts=2719.56)):

And it's an interesting idea. So yeah, I guess what I'm saying is there are a lot of activities out there. There. There's an genetics activity that you create a dinosaur or dragon or whatever it is, and you have sticks. You flip the coin, you flip the stick, whatever. But a kid could be created, so a teacher doesn't have to go out and buy popsicle sticks. So a teacher doesn't have to get markers to have the kids color it. Maybe if a kid was created and the teacher just has to run off the paper, the paper could even be included if you want. Then it's altogether. So some teachers, maybe they can't follow the directions online, but the kit could maybe break down the directions a little bit. Could offer different ways of doing it. There's never just one way. But anyway, I mean, that's the possibility because

Daylene Long ([46:40](https://www.rev.com/transcript-editor/shared/llkVW7J1fP7Ju_o1n0oUW7O_pWzj61UUD0QioVgCHn_Wnw11cUfzUaEOiqPsSdLA7okORch7xypMGl4Mz9ZGR20aHXM?loadFrom=DocumentDeeplink&ts=2800.2)):

Those are really interesting ideas because basically you're getting at what are all the different kinds of things they can do for that activity. I want to be respectful of our time, Barbara, and I know that Kimberly's got some follow up. What's next? Kind of, Kim, you want to walk us through the kind of what's next for Barbara?

Kimberly Herder ([47:01](https://www.rev.com/transcript-editor/shared/m55VyVBI-jQaMlQH6BwYLed21MnGX6By9mIoD9rxM-8jRgRbBOhi2dsg6Hqf3Vd5IewxSQMR2sRn9YEJjVLdZ7XuI84?loadFrom=DocumentDeeplink&ts=2821.38)):

Sure. So thank you again very much for doing this interviewing. My pleasure.

Barbara Bess-Pashak ([47:09](https://www.rev.com/transcript-editor/shared/1XmJhNK1LqZ4wRWBrM3q29QVLk_8Z__6DAxjzSOQPIMVJhKSOYfoNckfDl2JfocnythTUVbNW4wb0yu2hFtVAOLl5w0?loadFrom=DocumentDeeplink&ts=2829.7199999)):

So this afternoon you're going to get an email from me that's going to one,

Kimberly Herder ([47:14](https://www.rev.com/transcript-editor/shared/IDvN7rVLPP_qQAV813AWd49nn5mu0mGNBfNryJJFdmnab6pM5oFuixuoyBpoVWH1qGlcCIgcm5JWircRGmU42fggcdk?loadFrom=DocumentDeeplink&ts=2834.9699999)):

Be a huge thank you, and then also ask two questions. And one of 'em will be, if you'd be interested in doing part of this process again at some time being a part of an interview, if you'd like to do that, let us know. And the other one is, why did I just draw a blank? I just did it backwards. What did we just ask?

Barbara Bess-Pashak ([47:41](https://www.rev.com/transcript-editor/shared/89ANPSMaN9Jxl16RtOG_9tbaShAlFopZbkaVtTGurGyzVuY84Ip6NcY0z9kumyms5ctDv7LnZu-0eW2vFskyX-3J8gQ?loadFrom=DocumentDeeplink&ts=2861.26)):

You'd like

Kimberly Herder ([47:41](https://www.rev.com/transcript-editor/shared/5y6hVZu6l550Prpn0YAgTtyKWL85jvyR6BxGq-3bV-FttuQEah0EMakiZzBYVKrwcVsPxyONUbPufAqlT3lEThUZmo4?loadFrom=DocumentDeeplink&ts=2861.5)):

To be a part of it, or if

Barbara Bess-Pashak ([47:44](https://www.rev.com/transcript-editor/shared/Pjsoflbx-STqN78Btgvf1UuhfJhjADVtUmNMx0sZjVtVtqsrLHnGqXBkxxDIeug_amkZdpeSDyXV-20poSrkkD-zLRw?loadFrom=DocumentDeeplink&ts=2864.38)):

There's anything

Daylene Long ([47:45](https://www.rev.com/transcript-editor/shared/1rvP-KFY1Ab0F4EzNmWEe8-CfPTU0RjbfPCNcTUwCEGDvloJEMV234kJHZQVp8TKVaXfd30tq35qb-HczplRv9f4n54?loadFrom=DocumentDeeplink&ts=2865.04)):

Else that you, oh Yeah,

Kimberly Herder ([47:48](https://www.rev.com/transcript-editor/shared/gocO1bpmBCbbl-jlHcmnt6u0ZJ45CGflCnfBepea_scfDqEIGO7UyzFpy36BrpnaXIRBCU-DzXMYICCd0wbm57rciF4?loadFrom=DocumentDeeplink&ts=2868.4899999)):

If there's anything else that you would like to tell us to let us know that too.

Barbara Bess-Pashak ([47:53](https://www.rev.com/transcript-editor/shared/MAvooRce1EavUY-mlCkZngOKvlu7aYIKXUmBZG1qp0c7dT34BtMibFjkoWpG07If6PgPbiEUtzbzuRZMWkHOh5mAo0g?loadFrom=DocumentDeeplink&ts=2873.77)):

And then on there also will be Daylene LinkedIn

Kimberly Herder ([47:58](https://www.rev.com/transcript-editor/shared/0FSL-fsiS135P4qVGzqDg1nNcoFgcDQhPdVEQjmydfRfko1BSsnea6ievLRK8itt8k8F-M1EY07h7hGAafzwr800lSE?loadFrom=DocumentDeeplink&ts=2878.33)):

Address if you'd

Barbara Bess-Pashak ([47:59](https://www.rev.com/transcript-editor/shared/eEaVZKQR13ZXDAiTVx871M11ofvRZXzoMAI7M5QGyZN4Y_8O2z9HqfhvOAvVFEmkeIIygnGon5DFOuqz8qMWinSlmv4?loadFrom=DocumentDeeplink&ts=2879.95)):

Be interested in joining that too. Sure. Of course.

Daylene Long ([48:03](https://www.rev.com/transcript-editor/shared/dxxgFajQVTE8QsKYJEsFbPnjTSKxd4zQ_JIkcjnS4SOELQtvPPoJrkWMxO44KASS0zVzl3zsDlRTDD0w_n_lFBqjFyM?loadFrom=DocumentDeeplink&ts=2883.1)):

And I will send the gift certificate out by the end of the day. I usually wait until all of them are done. And I think our last one is at

Barbara Bess-Pashak ([48:12](https://www.rev.com/transcript-editor/shared/l4619kgsa_S-dw2xSqsR7twV1ixo6H9f4ngIBxNH7ZjCm5Q3Z3zD8-a6uNRT96O9CFd7PHd6cMOabAHGlWg1yBRjzYM?loadFrom=DocumentDeeplink&ts=2892.25)):

Five

Daylene Long ([48:13](https://www.rev.com/transcript-editor/shared/beiC5sv0wvpwIO0WxQnJ33U4k5Xdt1jnOLDcoIXgHdVNbzTKhC_6OM62dj6Rt7uIs7qzvXKgO3soiaodVY81npyRNh4?loadFrom=DocumentDeeplink&ts=2893.93)):

Pacific time, so it'll be later tonight or early tomorrow. No problem. Before you get to problem again, thank you so much and thank you, thank

Barbara Bess-Pashak ([48:22](https://www.rev.com/transcript-editor/shared/LMVgM7d0N5afNpHGQkKBpu1wiLkvIFSbCUjwP6k38-KBC_tcvskwZ5e99VSttqE8waIyVCDlMnmOR1Hu8cmd5IM-x4A?loadFrom=DocumentDeeplink&ts=2902.27)):

You

Daylene Long ([48:23](https://www.rev.com/transcript-editor/shared/gztoBadC4PEupkcbblkZFronJA6_q7M7AIbJ-JhbXFvgh0ngUDwctlYnsljp0Scb5cBRujSIoQrM_iEj4I5KQJXwMEU?loadFrom=DocumentDeeplink&ts=2903.2)):

For all that you do for students and for teachers. Thank you for the last 40 some years. We really appreciate it.

Barbara Bess-Pashak ([48:32](https://www.rev.com/transcript-editor/shared/HQ7WrjlgSDS-NbzU5XCTuyRxKefU5opk3bDrDCH65ly-Qf_gPx3ibWCHJsuLa7incnO3t0Sz9sQVBhdHFeIWklb-Fs4?loadFrom=DocumentDeeplink&ts=2912.14)):

If there's anything that you think of after you're finished doing your interviews that you're like, I'd like to find out a little bit more about this, or how do you do it at your school, feel free to contact me.

Daylene Long ([48:43](https://www.rev.com/transcript-editor/shared/8r0YfheeRqXehRounlEAL5Lx8yzZbhQdGTJXJbjmpH1pxp4rhuE6_GTB8MxiBjfh3yx_naY4N0CJ5aheetg51Tu2A3Q?loadFrom=DocumentDeeplink&ts=2923.63)):

Thank you, Barbara.

Barbara Bess-Pashak ([48:44](https://www.rev.com/transcript-editor/shared/4iFSfmLHeewY26fiZJfy8q9PglAGq9A-9hGwpqtV-p5qkTwpgaH6OMKzHMcQv0eTrGZ4-CTQbfS-ivfgJdAXTUkrWyk?loadFrom=DocumentDeeplink&ts=2924.445)):

I appreciate

Daylene Long ([48:44](https://www.rev.com/transcript-editor/shared/TYdM9dJBUFfmgoVaxwaBld-oNxDuud2EqLRIKfUYDtg3MBb6xwsl8ja7bJbzN0_9RV0S5qJr5VlMaDaAF6VZQ42tDt4?loadFrom=DocumentDeeplink&ts=2924.765)):

That. I'd

Barbara Bess-Pashak ([48:45](https://www.rev.com/transcript-editor/shared/b4Sk4kJpqTAOjAx7sjJLjP4Ku_NQHukAT05322jq0jOet05oOOyBvkw00UFbMOfikf0jHnp2P9jjDfMDWjanKrrKhlM?loadFrom=DocumentDeeplink&ts=2925.04)):

Be very happy to share with you. And I said that because Philadelphia is one of the largest school districts, but it is a bit chaotic and there's not a standard standardized way that each department in the school district will function, but our curriculum is the same.

Daylene Long ([49:11](https://www.rev.com/transcript-editor/shared/X3qw1XlJo1ik5t2u09PtGTc841iu3sWboCKDqynNvo9CdZN70X1x3vOUjuBpy8eyLIT6sr06e01iEjL-fW4ZvpUaG4M?loadFrom=DocumentDeeplink&ts=2951.08)):

Okay. That's a wonderful offer and we will likely take you up on that because sometimes

Barbara Bess-Pashak ([49:16](https://www.rev.com/transcript-editor/shared/2V0-Iaym_PTDvn9igBw211rAT2zANyRsbhGNeAvZNhrDJNlEyrNiVVikGnyVjEIjlSFn-mR59rSq8tfMIbBiLAtlUYs?loadFrom=DocumentDeeplink&ts=2956.84)):

Pop

Daylene Long ([49:17](https://www.rev.com/transcript-editor/shared/Hbaf9T7tc-GhiHlSkxvXTGNRhoe-BYyEcRsBgwwmWOgNb-Wzc2qiXxQdz4omZZUa6QJ85lnZcqbzMnaTXBD9jCpxKq8?loadFrom=DocumentDeeplink&ts=2957.055)):

Into our brain. I don't know, a week or so. So you have a wonderful holiday. Are you on? Thank You. You do the same. Okay.

Barbara Bess-Pashak ([49:26](https://www.rev.com/transcript-editor/shared/os9-A_UZgzaiv8M9Q7-6-Jt3TYfBd0sVkxA7UvKfVtaDZUwbGydqgnIWczOVzjQGWyFr2EY9KOugmE8y91NzrfNddsk?loadFrom=DocumentDeeplink&ts=2966.89)):

Yeah. No, no, no. Friday's the last day.

Daylene Long ([49:29](https://www.rev.com/transcript-editor/shared/6vN8IG6Pgd9x34RgUanZVHZe-Z9VOFGaH5KVPsCBfLNbyAi0QoZYwLMnAuBIOeA4oJc9I4rl1kZvHENUXzdUfOpCp_k?loadFrom=DocumentDeeplink&ts=2969.8)):

All Right. Talk to you later, Barbara.

Barbara Bess-Pashak ([49:31](https://www.rev.com/transcript-editor/shared/k04dRg3Zov-b7KlwjbkVxjQKiW9GxLCj2ynIh2-TZnXGACOEhJ4x-MDI0OAHucQHcOqDPKsIIVZXMbbxaNFU_cLVlvs?loadFrom=DocumentDeeplink&ts=2971.54)):

Thank you. Thank you so much. Thank you both. Bye.

Kimberly Herder ([49:34](https://www.rev.com/transcript-editor/shared/wpHUYtVRfKGcsYUals43Jjd4G5wljrPcfEErQnyuKV1LbfcFobU2QmDE6oBGz6m3Va_DIMDrdu6auc6-dx8ZTUBxeCc?loadFrom=DocumentDeeplink&ts=2974.27)):

Bye.

Daylene Long ([49:35](https://www.rev.com/transcript-editor/shared/-FZ0K8b9khCIg0gTPT9R2bpl1lE1isvq0FoPwr2zISPU9MtPfETacHrFr3Jtqi4P5cChuvbqH8i2z5GWx6T1UZ20Ow0?loadFrom=DocumentDeeplink&ts=2975.23)):

Kim, do you want to stay on the line for just a second?