

01:04:32 Tazneen Kasem: Hi, I am Tazneen Kasem, Director of Youth Learning Program at CompTIA. Calling in from McHenry, IL.

01:04:50 SREB - Leslie Eaves: Welcome Tazneen!

01:04:50 SREB Juliana Coleman: Welcome!!

01:05:00 LaTonya Bolden- SREB: Good afternoon Tazneen!

01:05:21 SREB - Kirsten Sundell: I will also post the link on SREB's Free Webinars webpage!

01:05:52 Scott Warren: Agenda:
<https://docs.google.com/document/d/1fLMNqr3M7hBVYNdOBStAsnryBzL0zL4I/edit?usp=sharing&oid=113628014417495830828&rtpof=true&sd=true>

01:07:25 SREB Juliana Coleman: Agenda:
<https://docs.google.com/document/d/1fLMNqr3M7hBVYNdOBStAsnryBzL0zL4I/edit?usp=sharing&oid=113628014417495830828&rtpof=true&sd=true>

01:07:35 Scott Warren: Access the Action Agenda for all links used in the session:
<https://docs.google.com/document/d/1fLMNqr3M7hBVYNdOBStAsnryBzL0zL4I/edit?usp=sharing&oid=113628014417495830828&rtpof=true&sd=true>

01:09:58 Scott Warren: Access the Action Agenda for all links used in the session:
<https://docs.google.com/document/d/1fLMNqr3M7hBVYNdOBStAsnryBzL0zL4I/edit?usp=sharing&oid=113628014417495830828&rtpof=true&sd=true>

01:11:24 SREB Juliana Coleman: Go Donn!!

01:11:40 SREB Juliana Coleman: Link for the action agenda:

01:11:45 SREB Juliana Coleman: Agenda:
<https://docs.google.com/document/d/1fLMNqr3M7hBVYNdOBStAsnryBzL0zL4I/edit?usp=sharing&oid=113628014417495830828&rtpof=true&sd=true>

01:14:43 SREB - Kirsten Sundell: Donn is so much fun. :)

01:15:19 SREB - Leslie Eaves: Mentimeter link:

01:15:22 SREB - Leslie Eaves: <https://www.menti.com/gu3moqed2s>

01:15:32 SREB - Leslie Eaves: Mentimeter link: <https://www.menti.com/gu3moqed2s>

01:15:59 SREB - Leslie Eaves: Mentimeter link:
<https://www.menti.com/gu3moqed2s>

01:16:05 SREB Juliana Coleman: Agenda:
<https://docs.google.com/document/d/1fLMNqr3M7hBVYNdOBStAsnryBzL0zL4I/edit?usp=sharing&oid=113628014417495830828&rtpof=true&sd=true>

01:16:07 Scott Warren: On your phone you can also go to menti.com and enter the code 3411 3889

01:16:33 Scott Warren: Mentimeter link: <https://www.menti.com/gu3moqed2s>

01:17:15 SREB - Leslie Eaves: Mentimeter link:
<https://www.menti.com/gu3moqed2s>

What do you think happened to the water?

01:18:20 SREB - Leslie Eaves: Mentimeter link:
<https://www.menti.com/gu3moqed2s>

01:18:32 SREB - Leslie Eaves: What Evidence do you have of your claim?

01:18:55 Tanjanikia McKinney: Sorry, I missed the demo ðŸ˜ˆ~

01:20:14 SREB - Leslie Eaves: Mentimeter link:
<https://www.menti.com/gu3moqed2s>

01:20:28 SREB - Leslie Eaves: Why do you think what it happened?

01:20:39 SREB - Leslie Eaves: Mentimeter link:
<https://www.menti.com/gu3moqed2s>

01:20:43 SREB - Leslie Eaves: What do you think happened?

01:25:07 SREB Juliana Coleman: Link for agenda
<https://docs.google.com/document/d/1fLMNqr3M7hBVYNdOBStAsnryBzL0zL4I/edit?usp=sharing&oid=113628014417495830828&rtpof=true&sd=true>

01:26:36 SREB Juliana Coleman: I love that the practices are shown as teacher and student behaviors!

01:28:40 SREB - Leslie Eaves: I love the artifacts. It gives some looks for beyond the teacher and student to see how we are building the culture that supports these standards.

01:29:32 SREB Juliana Coleman: This is huge skill for the ACT and SAT. Using data to support claims is key to success!!

01:30:24 LaTonya Bolden- SREB: This methodology reflects the Engineering Design Process which resonates with and engages students!

01:31:04 Donn Kirkwood: Life science is the best

01:31:49 SREB - Leslie Eaves: Feel free to put your thoughts and ideas in the chat

01:31:57 SREB - Leslie Eaves: First Four Practices

01:32:02 SREB - Leslie Eaves: _____

01:33:54 SREB - Leslie Eaves: I love that students came up with the concept and she used it to have students play with energy

01:34:06 Tanjanikia McKinney: How physical science is incorporated with life science

01:34:47 SREB - Leslie Eaves: I am hear some great vocab words on "transfer of energy"

01:34:52 Tanjanikia McKinney: Explore before explain (great concept!)

01:35:18 LaTonya Bolden- SREB: Right, Tanjanikia! I love the incorporation of physical science with life science

01:35:41 SREB - Leslie Eaves: I still think physical science is the best!

01:36:04 LaTonya Bolden- SREB: The students are using prior knowledge and making their own connections

01:36:27 Donn Kirkwood: The dog made the experiment awesome, therefore evidence that life science is better :)

01:37:59 LaTonya Bolden- SREB: Questions, questions, questions! Science is all about questioning and exploring

01:38:33 Donn Kirkwood: The experiments demonstrated the interaction of biotic and abiotic factors.

01:40:04 SREB - Leslie Eaves: 2nd Wave of Practices

01:40:07 SREB - Leslie Eaves: _____

01:41:11 SREB - Leslie Eaves: EVidence based on both observations and scientific research/understanding

01:41:37 SREB - Leslie Eaves: I always love hearing students discuss science!

01:41:44 Kenneth Mason-SREB: probing reasoning...challenging ideas...refining their thinking!!

01:41:44 LaTonya Bolden- SREB: Claims are based on evidence provided by the students' unique designs--love it!

01:42:06 SREB - Leslie Eaves: Love those diagrams! Great Example of thought models

01:42:08 Donn Kirkwood: I am going with blueberries

01:42:45 Donn Kirkwood: Algae is a great claim if you think about biofuels

01:42:59 SREB - Leslie Eaves: Good point, Donn

01:44:25 SREB - Leslie Eaves: I could really see how students were refining their thinking through talking

01:44:39 SREB Juliana Coleman: I love that the students are having true scientific conversations. They are using the academic vocabulary to support their claims.

01:45:24 LaTonya Bolden- SREB: The students were having those conversations in a way that is authentic

01:47:27 SREB - Leslie Eaves: Final Wave

01:47:30 SREB - Leslie Eaves: _____

01:49:39 Donn Kirkwood: If the theory is true that the mitochondria originated from a archaic bacteria, could bacteria have the potential of becoming one of the most efficient biological source of energy.

01:50:05 SREB - Leslie Eaves: Good Question, Donn!

01:50:26 SREB - Leslie Eaves: Feel free to type in your own observations and thinking

01:51:57 SREB - Leslie Eaves: I love how students are making the connections from something physical and fun to something more esoteric like how we use energy from food.

01:52:35 LaTonya Bolden- SREB: I love that the teacher has used the practices to create an environment that allows the students to question, explore, and challenge!

01:52:43 SREB Juliana Coleman: Students need the opportunity to talk about their thinking and share their thoughts.

01:54:05 LaTonya Bolden- SREB: Scientific progress is the result of mistakes and constant iterations

01:54:24 SREB - Leslie Eaves: Absolutely! Constant iterations.

01:54:36 SREB Juliana Coleman: In both scenarios, students drove the direction of thinking...how the rube Goldberg would work to how their ecosystem was impacted.

01:54:38 Donn Kirkwood: What is more efficient with energy a decomposer or producer?

01:57:01 SREB - Leslie Eaves: I am reminded how important it is to continually communicate the purpose for learning. The example unit worked, because the teacher constantly focused students back to the learning.

01:58:01 SREB - Kirsten Sundell: https://www.sreb.org/free_webinars

01:58:15 SREB - Leslie Eaves: Powerful PBL Practices next week, Nov. 16, 3:30pm !

01:58:20 LaTonya Bolden- SREB: Great point, Leslie! And we can clearly see the relevancy of the content

01:58:36 SREB - Kirsten Sundell: I can promise Leslie's PBL session will be awesome.

01:58:43 SREB - Kirsten Sundell: I have seen a sneak peek. :)

01:58:56 LaTonya Bolden- SREB: Leslie and PBL rock!

01:58:57 Scott Warren: Every set of Powerful Instructional Practices is set up in the same format: Teacher Behaviors - Student Behaviors - Artifacts. Together they provide a vision for quality instruction in all content areas.

01:59:22 SREB - Leslie Eaves: Ahh, you guys are awesome!

02:02:56 SREB - Leslie Eaves: Any Questions?