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Let the Demo Speak for Itself: A Perspective from the View of a Science Teacher

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Let the Demo Speak for Itself: A Perspective from the View of a Science Teacher

How do students engage with science material? How do students engage with science teachers? How many times have you been told what will happen next before you ever have a chance to see it for yourself? There are many perspectives in every classroom and successful science teaching must engage and involve all of them.



Aileen Sullivan

2018 Iowa Teacher of the Year



UNI Homecoming!



To graduate from
Chemistry one must
eat, sleep, and
P. Chem.





Let the Demo Speak for Itself:
A Perspective from the View of a Science Teacher



TEACHER PERSPECTIVE

WE ARE THE CHARACTERS.

Lane gets his first Foundations of Earth Science exam back.

He got a score of 82%.

- A. Hey! A “B” is pretty good. At least I won’t get any emails.
- B. I really thought Lane knew what we were doing in class. Why did he do so poorly?
- C. Lane is always late to class and probably didn’t take time to study because of football. He should feel bad about his score.



STUDENT PERSPECTIVE

WE ARE THE CHARACTERS.

Lane gets his first Foundations of Earth Science exam back.

He got a score of 82%.

- A. Lane is ecstatic! He didn't even study. A "B" is pretty good.
- B. Lane is crushed. His mom teaches science and she will be so disappointed.
- C. Lane has a chance to look at the test. He lost a lot of points on the essay question. Now he knows where to spend more preparation time.



TEACHER PERSPECTIVE

WE ARE THE CHARACTERS.

2

Leo misses class at least one day a week and when he does come, he is always late. He has not once asked for homework.



STUDENT PERSPECTIVE

WE ARE THE CHARACTERS.

2

Leo misses class at least one day a week and when he does come, he is always late. He has not once asked for homework.

“

I love how Mrs. Sullivan pretends to be learning right along with us even though she already knows what's going on.

- Chemistry Student, Class of 2017



Phenomena for NGSS

<https://www.ngssphenomena.com/>

Don't be a fault
finder,
be a **star** finder.

-Helen Gregg Green





Thank you!

What questions do you have?

You can find me....

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Credits

Special thanks to all the people who made and released these awesome resources for free:

- Presentation template by [SlidesCarnival](#)
- Photographs by A. Sullivan

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PERSPECTIVE

WE ARE THE CHARACTERS.

This is a **slide** title

- Here you have a list of items
- And some text
- But remember not to overload your slides with content

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