

Divine Savior Holy Angels High School Story

Stacey Strandberg Flips Her Classroom to Make the Most of Her Time With Her Students

Divine Savior Holy Angels High School

Divine Savior Holy Angels High School is a college preparatory Roman Catholic school for young women located in Milwaukee, Wisconsin. It is in the Roman Catholic Archdiocese of Milwaukee and sponsored by the Sisters of the Divine Savior.

School Profile

Students: 694 Young Women

Grades: 9-12

College Preparatory Roman Catholic

<https://my.dsha.info>

Student Population

The students are from 116 parochial, private and public schools

26% are young women of color

15% are non-Catholic students



Ms. Stacey Strandberg pictured in back with her students

DSHA Students Accomplish

Ms. Stacey Strandberg was a microbiologist for 15 years before getting her teaching certificate. She was excited about teaching students how to apply science knowledge to real life examples. Ms. Strandberg has now been teaching for the past 10 years and currently works at DSHA.

Community outreach to the poor and vulnerable, is an important part of student life at DSHA, so teachers don't always have the same amount of face-to-face time than traditional classrooms. This requires Ms. Strandberg to be creative in her teaching strategies to ensure she is providing the best possible instruction and preparing her students for college.

As technology has changed and become more applicable to the material she teaches, she has integrated technology into more of her lessons because she sees first hand, how much it engages her students. So, she now flips her classroom and assigns Interactive Cases to her students as homework, instead of a worksheet, so they get an inquiry-based interactive lab outside of the classroom that allows them to visualize the concepts they've discussed in class.

“If students have a question, they will use technology immediately to find or investigate an answer. So I think that technology is an important tool to engage student’s interest in learning new and challenging materials.”

-Ms. Stacey Strandberg

Introducing Girls to Careers in Science

Ms. Strandberg decided to use Interactive Cases to engage her students in understanding how science is relatable to the real world and their every day lives. She says her students are invested in their education and excited to see what types of jobs are available to them. With each Interactive Case featuring a different scenario and scientific career, they are able to experience many different types of jobs that can lead to a rewarding career in science. Her students completed 13 of the Interactive Cases this year and she's received more engaging questions and better understanding of the material than in past years.

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Monitoring and Interacting Virtually Provides Flexibility and Accountability

The online formative assessment tool (SABLE) makes it easy for Ms. Strandberg to interact with her students while they are working from home. She uses SABLE as a grading and monitoring system to help keep her kids accountable. With SABLE, she can see what time they logged in, how long they used the case, and where they might have struggled. If they only have a little time one night, she likes that they can pick up where they left off in the case and finish it at a later time. They know they have to get their assignment in on time and that she can check on them to see if they have done it. She believes it helps them to be more confident and capable young ladies. And, when she sees that her whole class scored “red”, she can review with them in class to help them be better prepared for their exams.



SABLE Formative Assessment Tool

Students and Parents Value the Interactive Cases

“My daughter loves your class and she loves your teaching style. The subject interests her, but even more than that, it's the practical application and real-life focus that this class has, and that your teaching style has, that keeps her really interested and motivated. She loved saving that little seizing cow the other night!”

- Mrs. Kate Moss, parent of student in Mrs. Strandberg's Class

“I think the Interactive Cases are beneficial to me because I enjoy being able to use my laptop rather than reading from a book. The information is helpful with visuals and overall I get a better understanding visually.”

- A student in Ms. Strandberg's class



Images from the Nitrogen Cycle Interactive Case where students investigate nitrate levels in local water sources

“I love how the students can input their data, then go and look at the graph and interpret the data. It's a great way for them to learn through inquiry and as a hands-on lab.” - Ms. Strandberg