

Knowles Annual Conference

July 24, 2025 | Philadelphia, PA



Join us at the Knowles Annual Conference, where STEM educators and leaders will gather to discuss the many facets of teaching and student learning.

Our sessions center on three main conference themes: Equitable Instruction, Professional Sustainability, and Teacher Leadership

We invite teachers to engage in a dynamic professional learning experience at our annual conference.

Explore more than 25 sessions, tailored to your interests and teaching needs.

Be energized by an Ignite Talk, a fast-paced, 5-minute presentation featuring 20 slides that advance automatically every 15 seconds. These talks are designed to captivate and inspire with quick, impactful ideas.

Connect during our Poster Reception, showcasing innovative teaching practices and research.

Recognized Professional Growth: Attendees will receive a professional development certificate that they can provide to their schools, showcasing their dedication to ongoing professional learning and growth.

Conference Strands: Equitable Instruction | Professional Sustainability | Teacher Leadership

Conference Schedule July 24, 2025

8:00–9:00 AM	Breakfast
9:00–9:30 AM	Welcome
9:45–10:45 AM	Session 1
11:00 AM–12:00 PM	Session 2
12:00–1:00 PM	Lunch
1:00–2:00 PM	Ignite Talk
2:30–3:30 PM	Session 3
4:00–5:30 PM	Session 4
6:00–7:00 PM	Poster Reception
7:00–9:00 PM	Dinner



The Knowles community is a national network of high school math and science teachers who are collaborative, innovative leaders improving education for all students in the United States.

[DoubleTree by Hilton Hotel Philadelphia Center City](#)
237 S. Broad Street | Philadelphia, PA 19107



Learn More & Register

Professional Learning

for teachers by teachers



Knowles Academy Helps Teachers by:

- Promoting curiosity
- Increasing student engagement
- Improving access to learning for all

During the week of our Annual Conference, we're excited to offer four Knowles Academy courses. When you register, you'll choose one course to attend for all three days, as each course is designed as a multi-day experience. A \$50 registration fee is required to secure your spot.

In-Person Courses

July 21-23, 2025 | 8:00 AM–4:00 PM ET | Philadelphia, PA
\$50 (optional 3 SNHU graduate credits for \$375).

Coaching for Teacher Development

Engaging Students in Engineering Design

Increase Participation: Strategies for Effective Groupwork

Promote Sensemaking with Science & Math Practices

Key Knowles Academy Features

1

Moving from Teacher-Centered to Student-Centered

Our goal is to support teachers in making the shift from teacher-centered to student-centered classrooms, ensuring that teachers can create engaging and effective learning environments, enhancing the learning experience for all students.

2

Building Teacher Capacity

We offer tools and strategies that build teachers' capacity for high quality instruction regardless of the curriculum of courses they teach, increasing student engagement and deeper learning in math and science.

3

Closing Equity and Opportunity Gaps

Our courses are dedicated to addressing inequitable outcomes and closing the opportunity gap. We work to provide the tools and strategies needed to level the playing field for all students.

4

Addressing STEM Learning

Our professional learning is designed and delivered by math and science teachers for teachers, ensuring that it's practical, relevant and directly applicable to the classroom