



THE INNOVATORS GUIDE

USING TECHNOLOGY TO HELP MAKE LEARNING VISIBLE

Top tips from Erin Hill, STEM lecturer, director of the Quantitative Skills Center and interim director of the Teaching and Learning Center at UW Bothell

1 Mobility

When instructors can move around and interact with students as they work, students develop a sense of connection to instructors and material. It also allows for efficient sharing of student learning as it happens.

2 Community

When students are prompted to talk and write about their own learning processes — how they arrived at a conclusion, step by step — it helps them understand what strategies work, and how they can improve the ones that don't.

3 Flexibility

Learning from errors and challenges can be extremely productive; students have opportunities to understand what went wrong, articulate the challenge and revise their work in real time.

4 Visibility

Instructors can incorporate ways for students to see the learning process at work by displaying student approaches to prompts or problems. And, making the instructor's knowledge visible — through projects, taking notes, examples, and interactions with student work — provides them with a window into how experts approach similar problems.



"The primary goal of my class is making lifelong learners. Using an app like Doceri supports that goal. It's hard to imagine teaching without it now. I could do it, but it wouldn't be as much fun."

— Erin Hill

[Learn more about how Hill makes learning visible in her classroom](#)