**HIVES Student feedback**

**HIVES Student Surveys**
- Surveys were completed by 277 students at the beginning of the semester, reflecting on their experiences in traditional classrooms.
- The same students were surveyed at the end of the semester, reflecting on their experiences in the HIVES. So far, 124 students* have completed the post-learning survey.

**Collaborative Learning**

67.2% of students asked a peer to help them understand course material either occasionally, frequently, or always.

72.9% of students explained course material to classmates either occasionally, frequently or always.

72.7% of students agreed or strongly agreed that their class in the HIVES encouraged students to learn from each other. 63.6% of students agreed or strongly agreed that their class in the HIVES promoted the development of a sense of personal responsibility among students.

75.8% of students agreed or strongly agreed that their time in the HIVES contributed to their ability to speak clearly and effectively.

**Which aspects of the HIVES contributed in a positive way to your learning experience**

- 80% Monitors around the room to broadcast student work
- 77.5% Whiteboards around the periphery
- 74.2% Moveable seats to change the class configuration
- 42.5% Interactive touchscreen computer

91.8% of students reported exerting the same or more effort into their HIVES course, as compared to other courses they had taken. 90.9% of students received a grade that was about the same or higher than in their other courses.

**Next Steps**

- Surveys from faculty that are new to teaching in the HIVES this semester
- **Direct comparisons** between two sections of a course with the same instructor: One in a traditional classroom, and one in the HIVES
- **Classroom observations** of engagement
- **Pre- and post- learning surveys** for students in traditional and HIVES classes
- **Teaching Innovation Fund project** led by a faculty member comparing engagement in the HIVES and traditional classrooms

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*These data are preliminary, as the survey is currently still open.