MAKERSPACE

2023 - 2024

MAKERSPACE

ANNUAL REPORT

ABOUT US

CREATE • CONNECT • INSPIRE

OUR PURPOSE

- The Makerspace provides opportunities to explore creating that bridges the digital and physical worlds.
- The Makerspace enhances innovation on campus and provides immersive learning opportunities.
- The Makerspace is a place for students to connect through shared interests and build community.

MAKERSPACE

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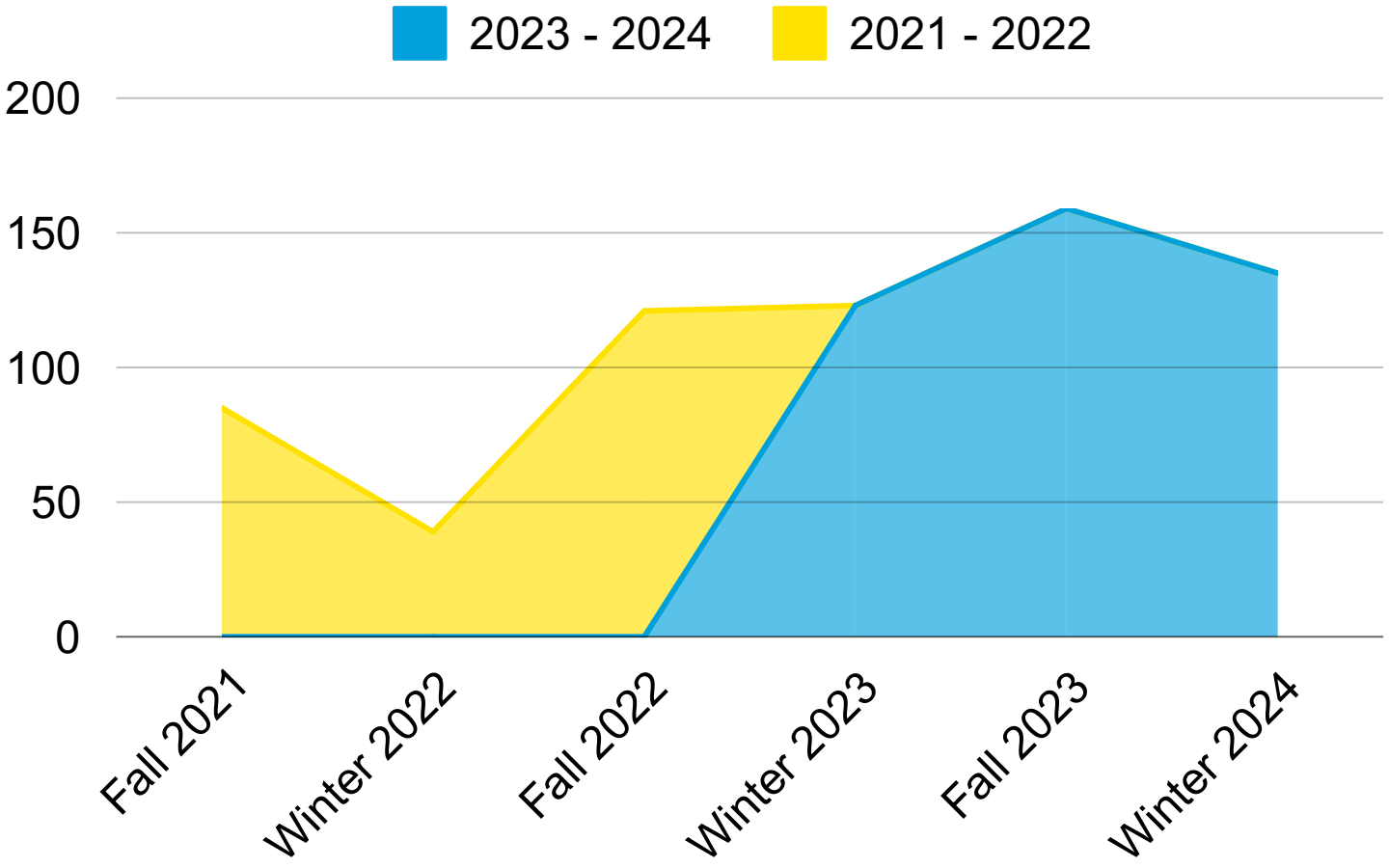
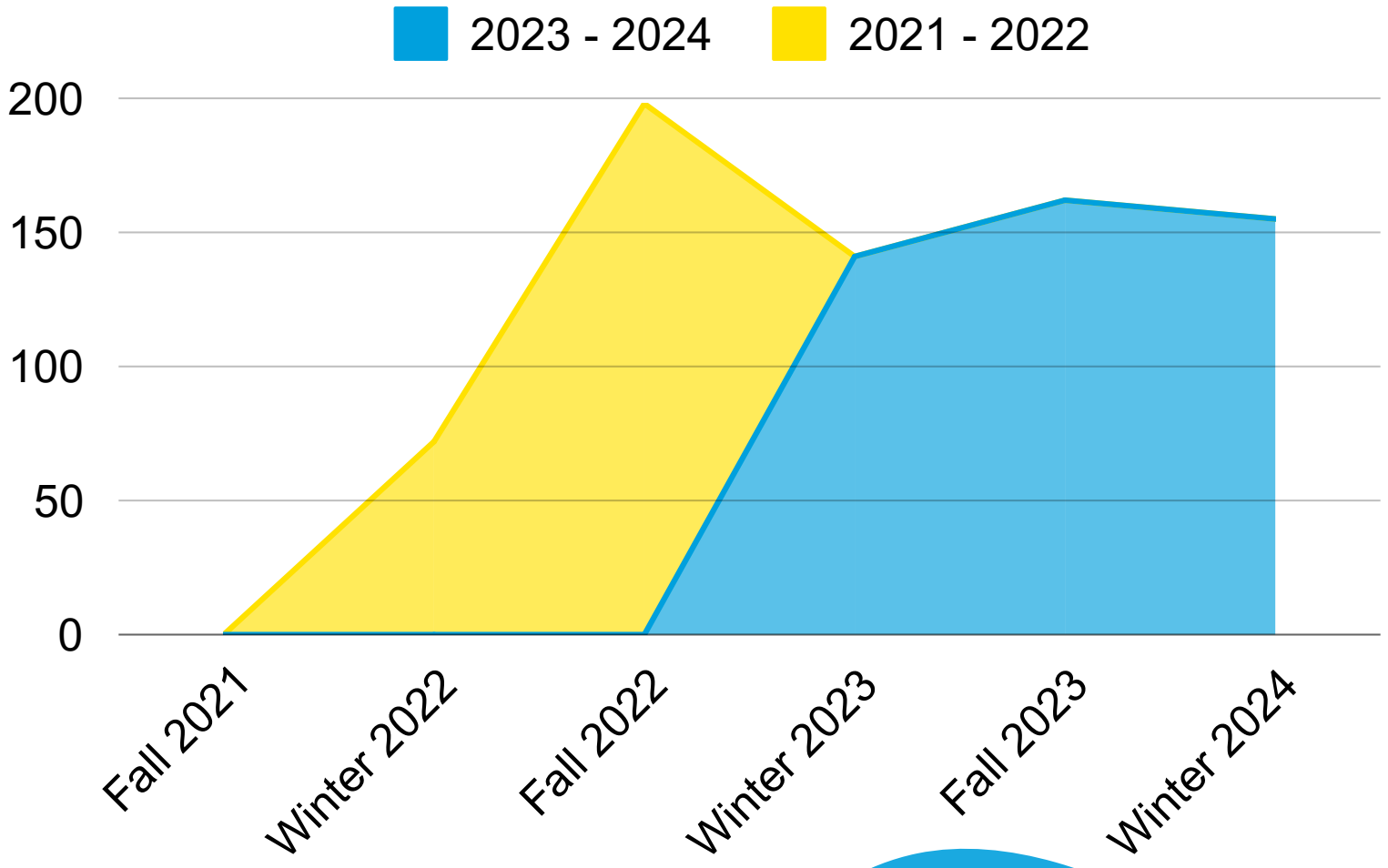
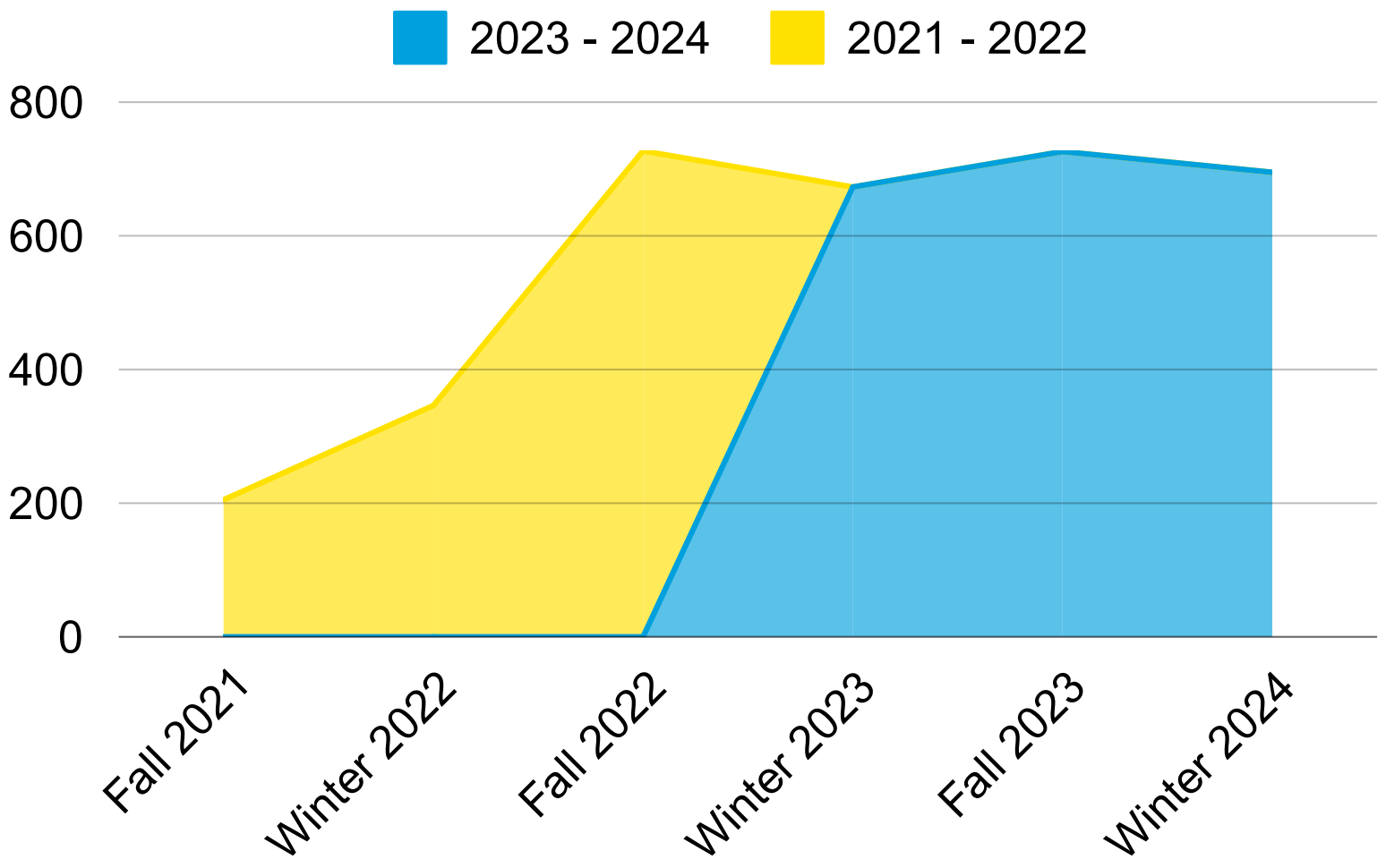
NUMBER OF VISITS PER WEEK
FALL 2021 - WINTER 2024



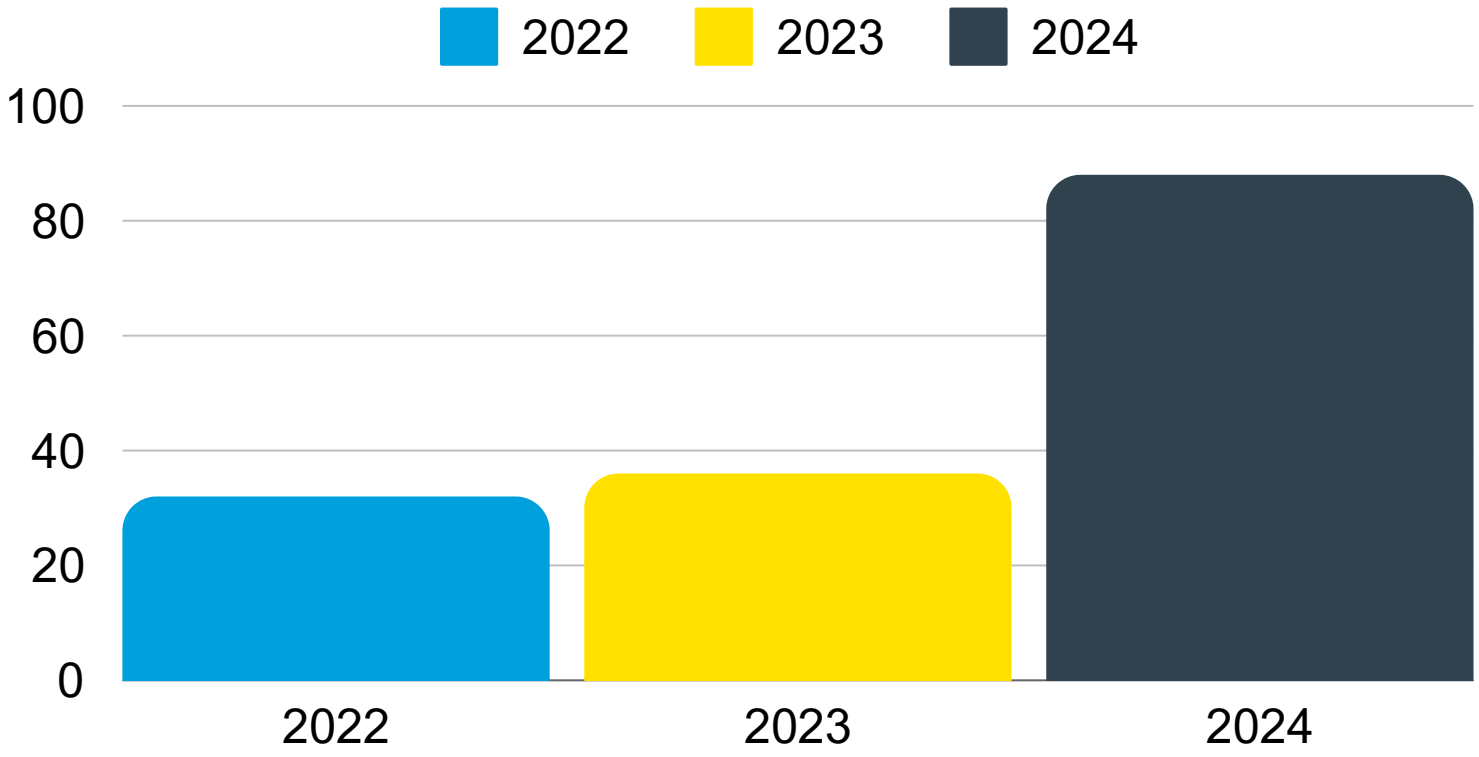
ONLINE QUESTIONS ANSWERED
FALL 2021 - WINTER 2024



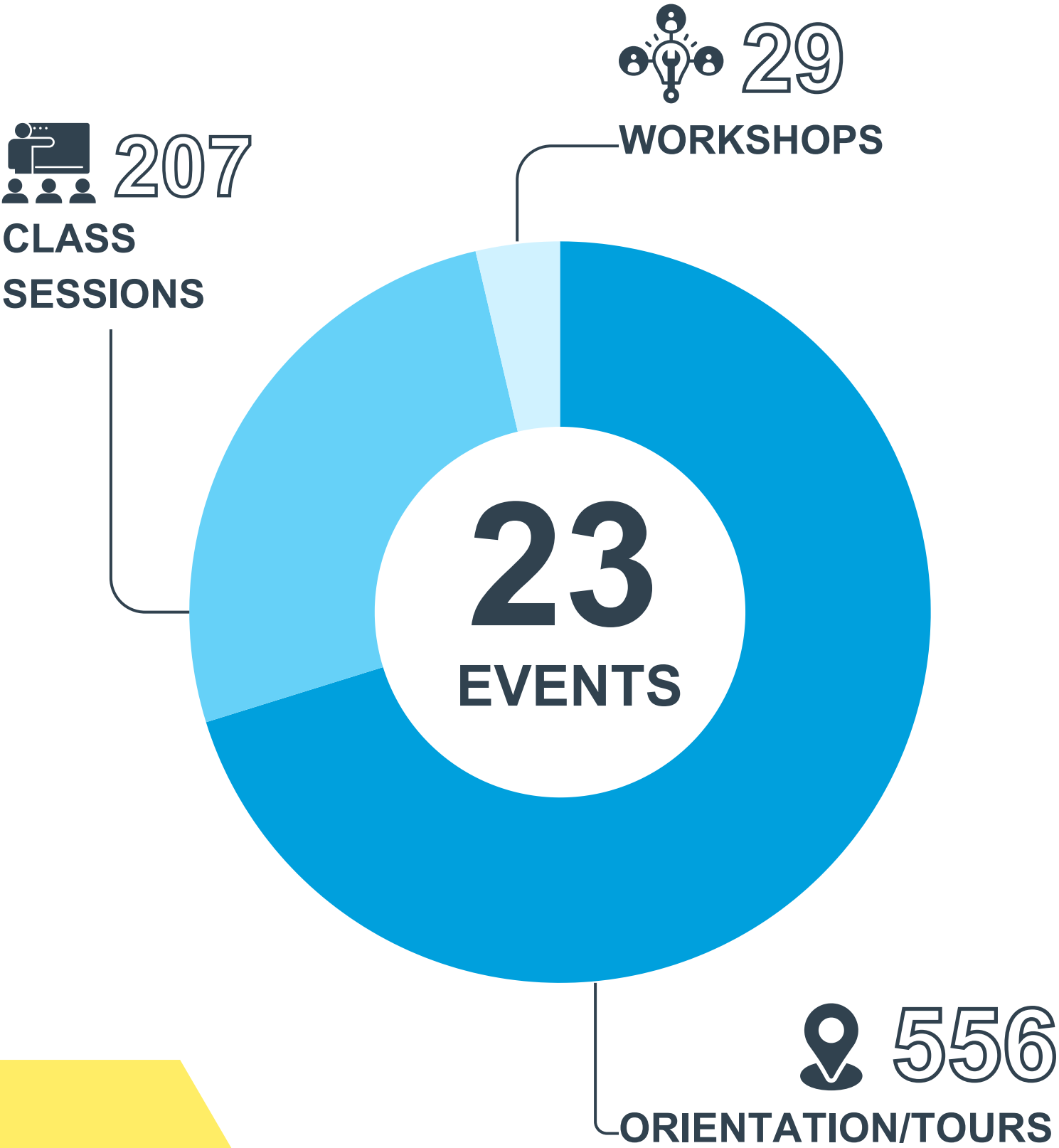
NUMBER OF 3D PRINTS
FALL 2021 - WINTER 2024



NUMBER OF VISITS PER WEEK
SPRING/SUMMER 2022 - SPRING/SUMMER 2024



NUMBER OF ATTENDEES AT EVENTS
2023/24

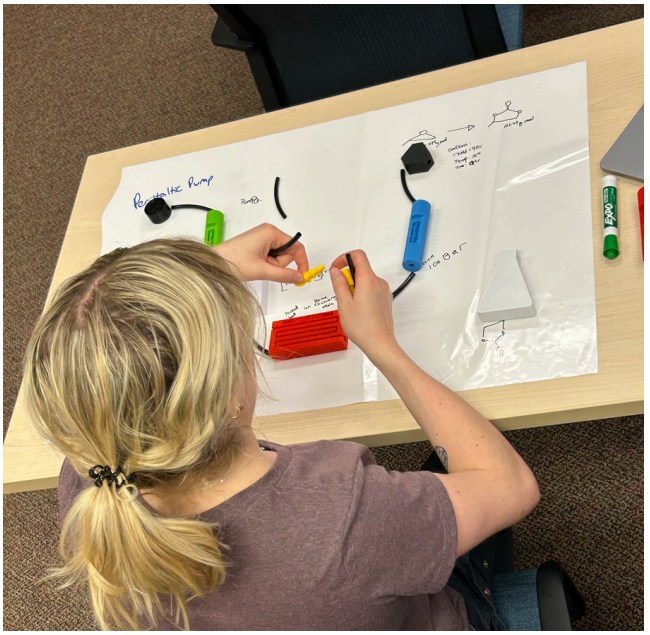


CLASS USE

Some examples of classes the Makerspace held instructional sessions, workshops, or provided 3D prints for in 2023/24 included:

CHEM 380: Introduction to Flow Chemistry

- Assignment: Make experimental decisions
- Activity: Students were provided with 3D printed objects representing experimental elements to practice making experimental decisions so they could maximize their chemistry lab time.



ARTE 207: 3D Spatial Practice

- Assignment: Create a clay sculpture, experimenting with 3D elements
- Activity: Students are introduced to the 3D Printing process and assisted with printing a 3D item that they can use to create 3D elements as part of their sculpture via imprinting or other techniques.

CMPT 104: Fluency with Information Technology

- Topic: Design Thinking Process
- Activity: Marshmallow Challenge - Students work in teams to build the tallest tower that can support a marshmallow in a set amount of time. Reflection focusses on identifying design thinking process stages, teamwork, advantages of iterative prototyping, how this can be used in work settings.

SURVEY RESULTS

A Google Form was sent out in May of 2024 to users who had submitted a 3D print job at any point. We received 50 responses.

- Over half of the respondents mentioned the student tutors when asked for something they liked about the space.
- Other positive aspects mentioned included access to hardware, the fact that the service is free, and the ease of accessibility.
- When asked what could be improved about the space, more than half of the respondents mentioned the overcrowding and cramped feeling in the old space.

Some direct quotes:

> “It provides access to hardware and tools that would otherwise be difficult or impossible to access.”
>
> “It's free, it's easily accessible, and human support is available.”
> “The staff there are super nice and knowledgeable, they make the space easy to access and learn about.”
>
> “I like the people it is just a place to hang out and have fun.”
>
> “It's a good place to socialize and be creative at the same time. I get to learn about new art projects alongside other people. “

WHERE WE ARE NOW

The Makerspace has had a makeover!

As of summer 2024, the Makerspace has a new visual identity, a bigger space (6-201V), new equipment and more student staff. We have posted our new Community Standards to help guide further growth of our making community. We have incorporated original art by a unique local artist, Rahmaan Hameed into our space. This has all been in response to suggestions and feedback we have received.

THANK YOU! To our fantastic community of users, library and university for supporting innovation via the Makerspace.

We can’t wait for the next year of making!