TECH TASTER
TECHSTYLES & FABRICATION

CREATING MATERIALS OF THE FUTURE

The FibreHub, one of our **emerging** and **exciting** spaces, introduces your students to applying the **Design Thinking Process** to **materials** and **fabrication**.

By examining the impact of fast fashion and using the **Sustainable Circular Economy** model as their guide, students explore material making and fabrication, using a range of production methods to create their own solutions.

With a **sustainability focus**, this program **experiments** with waste materials to create fabric samples. It offers the opportunity for students to **repurpose** and **rethink waste** to create **sustainable solutions** in the textiles and fabrication space.

Industry Links

- Fashion
- Materials Science
- Product Design
- Manufacturing
- Sustainable Policy
- Arts

Student Outcomes

Engage Session

- **Explore** fundamental skills of machine sewing
- **Experiment** with a range of materials to create fabrics
- **Explore** felting processes and create samples

Create Session

- **Design** a product to fit a brief
- **Investigate** fabric creation to produce a final product
- **Discover** the impacts of material waste across industries and the environment

"I used to think that I would have trouble with the sewing machine ... now I know it wasn't too complicated!"

Student, Warrandyte High School

"I didn't know what to expect from the day, but felting was easy thanks to the felting machine."

Student, Warrandyte High School

"I had students say they were not sure what to expect ... at the end of the day they were excited to tell me how super fun BNTS is!"

Teacher, NCAT

Looking for an option to *deepen the impact* for your students?
This program can run across **two days**, allowing for extended projects, collaboration, and reflection. **Contact our team** to design a **two-day visit** tailored to your learners.