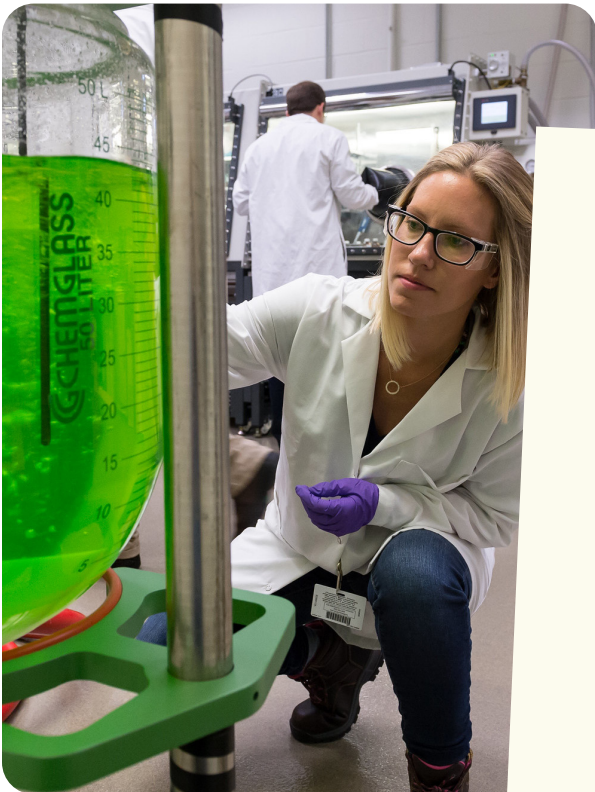


Materials Scientist

Materials scientists study how materials like plastics, fabric, or cement behave.

They design new materials to do different jobs. They use physics to understand how materials are affected by energy like heat or electricity.



Your Project

Design a ski team's uniforms to keep them warm in the snow.

Use a model to test how heat travels through different materials and create a heat-trapping fabric.



Test your model

How hot does the handwarmer get by itself? Write or draw about what you notice.



Test your materials

Measure how hot different fabrics get. Which ones are best at trapping heat?
Write or draw about your tests here:



Design your ski suit

Write or draw about your design.



Reflect

How were you like a materials scientist? What skills did you practice?



PLACE
STICKER
HERE