No Bones About It: Designing Knee Braces

Merced County Office of Education Presents:

Engineering-Designing: Knee Braces

One Unit of Credit per workshop is available from:
UC Merced Extension
(1 CEU for $50)

Register before December 1st
Price: $195
(Includes Materials, Light Breakfast and Lunch)

Additional Information
For Content:
Rosanna Ayers
ayers@mcoe.org 209.381.5971

For Registration:
Maria Villa
mvilla@mcoe.org 209.381.4509

Audience:
Teachers grade 4 & 6
STEM Coaches, Administrators, & After School Personnel

EiE : Engineering is Elementary
Inquiry-Based STEM Curriculum, Project-based Learning, Collaborative Learning

Apply the engineering design process to the fields of biology or medicine to solve healthcare problems, and you’re thinking like a biomedical engineer. Students explore the variations in human feet and use the information to make recommendations about sneaker design. They also measure the range of motion in knees as they investigate how a knee joint works. After evaluating the properties of different building materials, they design a knee brace that will restore the range of motion to a model of an injured knee.

WHEN: December 6th, 2019 9:00AM - 3:30PM
WHERE: 632 W. 13th Street, Merced, CA 95341
Room: Newbold

REGISTRATION: http://merced.k12oms.org/83-175614