UNL PHYSICS & ASTRONOMY OUTREACH

START SMART

Science Turns into ART

LINCOLN HIGH × UNL · FULL-DAY FIELD TRIP

YOUR DAY AT THE UNIVERSITY

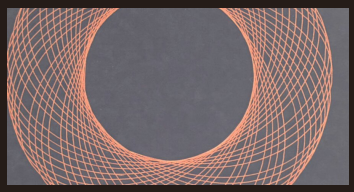
Four blocks. One canvas. Zero boring physics.

8:30 AM to 10:30 AM

2 HOURS

Spirographs

Circles rolling inside circles draw hypnotic geometry. Work out the math behind the childhood toy, then turn your own equations into art.



10:30 AM to 11:30 AM

1 HOUR

Tour of the Physics Building

Meet the labs, the instruments, and the researchers where physics happens at UNL — and see what a physics degree can lead to.

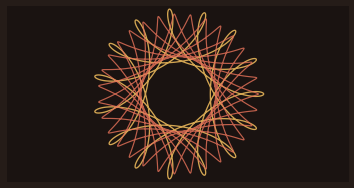


11:30 to 12:30 PM

1 HOUR

Lunch

Refuel and swap stories with your classmates and our physics undergrads before the afternoon's main event.

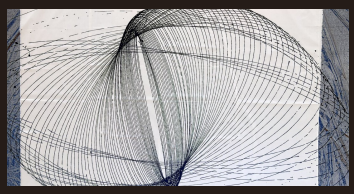


12:30 to 3:30 PM

3 HOURS

Pendulum Motion

A paint-drip pendulum and a harmonograph turn swinging motion into one-of-a-kind artwork. Predict the path — then see how chaos has other plans.



DATE _____ BUS ARRIVES _____

Wear comfy clothes you don't mind getting a little paint on.

Open to all students — no physics background needed, just curiosity. Free materials, slides, and Python code for classrooms and clubs at the link on the right.

streubel.unl.edu/STARTSMART.php

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