

# STEAM in the Classroom

SCIENCE-TECHNOLOGY-ENGINEERING-AGRICULTURE-ART-MATH

## Catching Comets

For this challenge/activity you will need:

- Paper
- String
- Scissors
- Aluminum foil

Keep your eye on the sky this month and into early February to catch a glimpse of the bright comet, C/2022 E3. This comet has not been seen for around 50,000 years! As it passes near the sun, its gases will warm up and glow, making it easier to see. Studying comets helps scientists understand planet formation, what materials exist in space, and the evolution of our solar system. Comets are made up of rock pieces and space dust held together with frozen gases. They orbit the sun just like planets!

Let's help scientists study them more closely by building a comet catcher with Nanogirl in her lab! Gather your materials, follow along with the video [here](#), and then share your creations on our [STEAM in the Classroom Facebook page](#)!

Activity Source: <https://www.nanogirl.co/the-superpower-of-space-2>  
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If you need a reasonable accommodation to participate in this program, please contact us.

Early requests are strongly encouraged to allow sufficient time for meeting your access needs.