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# Life-sized Dino Footprint



## STEAM CHALLENGE:

Can you recreate a life-sized dinosaur foot?

## Objective:

Recreate a life-sized Triceratops foot print.

## Materials:

- Triceratops footprint printable
- Glue Stick
- Scissors
- Chalk
- Outdoor Surface
- Measuring Tape

## Teaching Strategy:

1. Print out the triceratops foot print. Glue the papers together like a puzzle to create the lifesized footprint.
2. Cut out the life-sized footprint.
3. Outside on the pavement trace around the footprint with chalk.
4. Measure the footprint. How big is the Triceratops foot?
5. Fill in your dinosaur footprint with a colorful chalk pattern.

## Guiding Questions:

- How many of your feet can fit inside the dino footprint?
- How many students fit inside the footprint?
- Which dinosaur had the biggest footprint?
- Which dinosaur had a smallest footprint?

## STEAM Integration

**Science:** Research which dinosaur had the biggest footprint. (Check out the biggest footprint here).

**Technology:** Photograph a partner lying next to the footprint. Which is bigger your partner or the footprint?

**Engineering:** Can you build a bridge that spans across the Triceratops' footprint?

**Art:** Try painting with plastic dinosaurs and washable paint. Can you make a painting using dinosaur tracks?

**Math:** Use your research about the size of other dinosaur footprints and compare them to the size of Triceratops footprint.