

# Multi-Foot Drawing

(art + math)

This lesson plan develops awareness of natural lines from unlikely sources. It's an active lesson that incorporates math, art — and giggles! Before you start this activity, talk to your students about right-foot and left-foot characteristics, by asking questions like, “Where is the big toe on each foot — why do you think that is?” and “How many toes do you have on each foot?” Use as many visual descriptions as possible. The basics of discovery and counting are two important concepts being taught.



**Grade Levels** K

*Note: instructions and materials based on a class of 25 students. Adjust as needed.*

## Process

1. Have students remove their shoes and socks. Assign them to groups of two or three and give each group a designated place on the floor to work. Give each student a piece of construction paper and several markers (any color but White).
2. Have the first child in each group place both of his or her feet (or one foot at a time) on a piece of construction paper. Have the other children trace around the feet — make sure they trace around the toes, too! Mark feet with an “R” (for right) and “L” (for left). Repeat this exercise for every child in the group. Encourage your students to get creative by switching directions of the feet or overlapping them. When completed, everyone should have a maximum of eight feet traced on their paper.
3. Have everyone return to their desks to complete their drawings. Have them mark each toe with the numbers 1 through 5, with the big toe marked with 1 and the little toe marked 5.”
4. It's time to share silly toe facts! How many toes do you have? On one foot? On both feet? Are your toes ticklish? Count the toes on your drawings by ones. Count the toes by fives. How many toes are on the paper? Do you have as many toes as you do fingers?
5. Have students continue to decorate the feet incorporating Glitter Crayons. Have them use Heads 'n Tails to make each number and letter bigger, or fill in different sections of the foot with a different color of marker. Glitter Crayons are great for adding toe rings. Make sure to leave the background white to show off the foot designs. If the design does not stand out, have students outline each foot with a different marker color as a finishing touch!

## Materials

**Blick® Premium Construction Paper**, assorted colors 12" x 18" (11409-1006), package of 50 sheets; need one sheet per student

**Crayola® Heads 'n Tails™ Crayons**, 8-color set (67802-1008); share four sets across classroom

**Crayola® Glitter Crayons**, 16-color set (20100-1016); share three sets across classroom

**Blick® Broadline Water-based Markers**, classroom pack of 200 (21224-2009); share across classroom

## National Standards

**Content Standard #3** — Choosing and evaluating a range of subject matter, symbols, and ideas

**K-4** Students explore and understand prospective content for works of art

**Content Standard #6** — Making connections between visual arts and other disciplines

**K-4** Students identify connections between the visual arts and other disciplines in the curriculum