

# Ghoulish Gloves

**How much can these creepy hands hold?  
Students hone their estimation skills  
and explore volume to find out!**



1. Ahead of time, fill a glove with beans (up to about an inch from the opening) and use a twist tie to close. Show students the filled glove and a bean. Have them estimate how many beans the glove holds and record their estimates on a sheet of paper.
2. Divide the class into groups. Give each group a glove and a bag of beans. Have students count out the number of beans in their estimates and begin filling the glove.
3. When it is half-filled, or if students have used all of the beans in their estimates before it is half-filled, ask them if they want to revise their estimates. If so, have them record the new figure. Ask: “How did you decide on your new estimate?”
4. Have students finish filling the glove using the number of beans from their revised estimates, if they made a revision. Tell them to loosely fill—not stuff—the glove up to about one inch from the opening. (Have them return any extra beans to the bag. Then give each group a twist tie to close the glove.)
5. Recruit volunteers to count the number of beans in the sample glove you prepared. As a class, compare students’ individual estimates with the actual results. Ask students to describe their estimating methods. Were their revised estimates more accurate?
6. Set up a center where students can paint glow-in-the-dark hand bones on their gloves. Allow the paint to dry. Then darken the room and get ready for a fun-filled fright!



## Materials

For each glove:

- \* disposable latex glove (small size)
- \* dried kidney beans (about 2 cups)
- \* zip-closing plastic bag
- \* ruler
- \* twist tie
- \* glow-in-the-dark paint (the type that comes with a fine-tip applicator)



## Explore More

**R**epeat the activity using uncooked rice and  $\frac{1}{4}$  measuring cups or tablespoons instead of dried beans. Have students estimate how many measures of rice will be needed to fill the gloves.