

# Molecules in a Name

## Summary

Students will use the starting mass of a piece of chalk to find out how much chalk it takes to write their names

## Time Frame

1 class periods of 45 minutes each

## Group Size

Individual

## Materials

- chalk (or other measureable writing instrument)
- electronic balance
- [student sheet](#)  
(attached)

## Instructional Procedures

Gather the materials and upload the short YouTube video at: [Life of Pi Chalk Art](#)  
"Hook" the students with the video clip and read the introduction. Ask students to predict the amount of chalk needed for their name.  
Allow time for students to make measurements and do the calculations.  
Compare class results to see how much chalk might be needed for the sidewalk art.

## Bibliography

Lesson Design by Jordan School District Teachers and Staff.

## Authors

[Utah LessonPlans](#)