



# Cleaning the Air

Name

Date

## Worksheet

### Introduction

- 1** Define the challenge.  
Write a description of the challenge you are asked to solve.

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- 2** Define the Criteria. Write the criteria for your filter here.

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Develop solutions.  
Use the space below to sketch and make notes of possible solutions.



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## Conclusion / Results

- 1 Count the particles in four different squares in the center of the collector.

Square	Number of Particles
#1	
#2	
#3	
#4	
Total	
Average	

- 2 Describe what happened when you tested your filter. What would you do to improve your filter? (If you test your filter multiple times you should list each test.)

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