

Name: _____ Date: _____

Cleaning the Air Activity – Cleaning the Air Worksheet

Introduction

Define the Challenge. Write a description of the challenge you are asked to solve.

Define the Criteria. Write the criteria for your filter here.

1.

2.

3.

4.

Develop solutions. Use the space below and on the back of this page 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: = Total/4	

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.)