

Name:

Date:

Class:

Microplastics Exit Ticket **Answer Key**

1. How do microplastics affect human health?

Potential answer: Microplastics can affect human health by entering the body through food, water, or air. Once inside, they may cause inflammation or carry harmful chemicals like BPA and phthalates, which can disrupt hormones and potentially lead to other health issues. Scientists are still studying the long-term effects, but there is concern about their impact on organs and the immune system.

2. Why is particle size important in filtration?

Potential answer: Particle size is important in filtration because it affects whether particles are removed or pass through the filter. Filters have pores of specific sizes, so only particles smaller than the pores can get through. Larger particles are trapped, helping to clean or separate substances effectively.

3. What would you change about your design?

Answers will vary.