

**Metric Patrol Plan A**

Name \_\_\_\_\_

**Objective:** Find any incorrect usage of the SI metric system.

**Investigation:**

- \_\_\_\_\_ 1. Check packing at home and in stores to find any incorrect usage of the SI metric system.
- \_\_\_\_\_ 2. Identify the problem.
- \_\_\_\_\_ 3. Suggest the correct SI metric system usage.
- \_\_\_\_\_ 4. Write a tactful letter to the company explaining the problem and the possible correction (letter example given below). You'll need to find the complete mailing address of the company, address an envelope, affix a stamp, and mail the letter.

Note: If unable to find any errors on products to complete **Plan A**, then complete **Plan B** on page 3 of these worksheets.

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**Letter Example:**

550 White Plains Road  
Eastchester NY 10707  
September 22, 1998

Wacky Puppy Water  
Pets International  
3323 South Main Street  
Buffalo NY 14077

Dear Pets International Representative,

I am a student at Eastchester Middle School in New York State. My Science class is currently working on the metric system and we have been asked to take a close look at consumer packaging. Your company's large Wacky Puppy Water states that the size is 750 ML. That would mean that the volume of water is 750 million liters. Since this bottle is smaller than a liter of soda, it leads me to think the volume is 750 mL (milliliters) or even 750 ml.

Thank you for your time and I hope you consider my suggestion. I look forward to hearing from you.

Truly yours,

Julie Ann Hugick

**Metric Patrol Plan A Worksheet**

Name \_\_\_\_\_

Product name: \_\_\_\_\_

Manufacturer: \_\_\_\_\_

SI metric problem: \_\_\_\_\_

Suggested correction: \_\_\_\_\_

Mailing address of company: \_\_\_\_\_

\_\_\_\_\_

Submit to the teacher for review before mailing:

1. Business letter: (on separate paper)
2. Envelope with address and stamp

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*Metric Patrol*

*Mrs. Hugick*

**Metric Patrol Plan B**

Name \_\_\_\_\_

If unable to find any errors, please record **30 items** with correct usage of SI metric and record the following information:

| Product name | Manufacturer | Metric unit<br>(As given on<br>the label) | Measurement (mass, liquid,<br>etc.) |
|--------------|--------------|---|-------------------------------------|
| 1            |              |   |                                     |
| 2            |              |   |                                     |
| 3            |              |   |                                     |
| 4            |              |   |                                     |
| 5            |              |   |                                     |
| 6            |              |   |                                     |
| 7            |              |   |                                     |
| 8            |              |   |                                     |
| 9            |              |   |                                     |
| 10           |              |   |                                     |
| 11           |              |   |                                     |
| 12           |              |   |                                     |
| 13           |              |   |                                     |
| 14           |              |   |                                     |
| 15           |              |   |                                     |
| 16           |              |   |                                     |
| 17           |              |   |                                     |
| 18           |              |   |                                     |
| 19           |              |   |                                     |
| 20           |              |   |                                     |
| 21           |              |   |                                     |
| 22           |              |   |                                     |
| 23           |              |   |                                     |
| 24           |              |   |                                     |
| 25           |              |   |                                     |
| 26           |              |   |                                     |
| 27           |              |   |                                     |
| 28           |              |   |                                     |
| 29           |              |   |                                     |
| 30           |              |   |                                     |

Submit the completed **Plan B** report to the teacher.

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*Metric Patrol*

*Mrs. Hugick*