Name: _____ Date: _____

AIR ATOMS

HYPOTHESIS

Hitting a can with a pencil causes the atoms that make up the can to vibrate. These metal atoms move and bump into each other. What do you think will happen to the atoms in the surrounding air when the metal atoms bump into them?

_____

_____

_____

MATERIALS

1 Bowl
1 Rubber Band
1 Piece of Plastic
1 Can
Salt

PROCEDURE

1. Put the plastic over the top of the bowl and hold it there with the rubber band. Stretch the plastic tight.

2. Put one shake of salt on the plastic.

3. Hold the can near the plastic but not touching. Hit the can with a pencil. What happens to the salt?

_____

_____

_____

CONCLUSION

How does the fact that the air molecules are moving help you explain what happened to the salt?

_____

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Go To *Table of Contents*

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