**Science Masterpiece**

3rd Grade – 2nd Quarter

Experiment 5: Energy and Molecules

How Do Molecules Move?

Thank you for volunteering to teach the students a Science Masterpiece Lesson!

Please coordinate with your teacher on a day and time, it is flexible and should be convenient for both of you. The lesson should take about 1 hour of your time in the kid’s classroom.

Review the laminated Experiment Guide. Not all parts of the Guide are utilized.

Review the PowerPoint presentation provided. There is a YouTube video embedded into the presentation. Please be mindful of any ads that may pop up, unfortunately we cannot control that. To make the video play, please remind the teachers to download the video in PowerPoint and click “Enable Editing” and then “Enable Content”.

**Please email the teacher with your final PowerPoint before your scheduled time.**

Everything you need for Science Masterpiece are in specific labeled plastic tubs. The tubs can be found in the work room (front desk can direct you), on the top shelf, labeled by grade.

After you have finished teaching the Science Masterpiece Lesson, please ensure to pack everything back into the tub so the next class can use it.

Important Notes:

In your tub there are **12** plastic containers, break up kids into groups accordingly (2 containers per group). There are plenty of tea bags provided.

Use the large measuring cup to heat the water. Heat 4 cups of water for approximately 6 mins, CAUTION it will be hot! Please use the microwave in your teacher’s classroom. If your teacher does not have a microwave, please use the Teacher’s Lounge.

The print outs for each of the students to record their findings are provided in the tub.

If you have any questions, please contact the Science Masterpiece Team at [DMEscience@gmail.com](mailto:DMEscience@gmail.com).

If you are unable to make your scheduled time, please let us know.

Thank You and Have Fun!

Science Masterpiece Team!

Jen Silverman and Valerie Shinpaugh