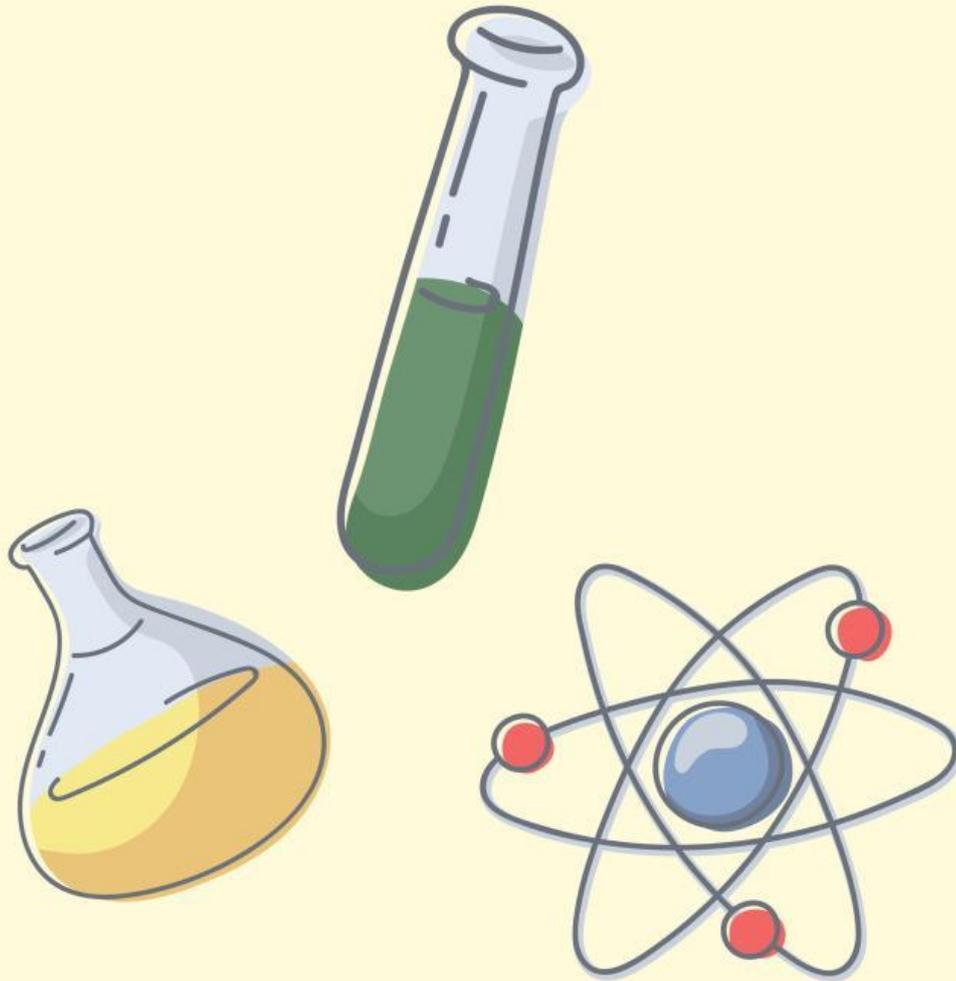


# Worksheet

## Matters and Changes



**Groups Members :**

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# Learning Objectives

Students will be able to:

1. Explain the differences in the state of particles in solid, liquid, and gas substances.
2. Describe everyday diffusion events in liquid and gas substances.
3. Create models of particles in solid, liquid, and gas substances.
4. Apply the concept of particle movement to explain phenomena occurring around them.

Let's observe

Alright, take a look at some objects in this picture. What are the differences between them? Which are classified as solid, liquid, and gas substances?



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Can you discuss the differences in the state of particles in solid, liquid, and gas substances?

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What are some examples of diffusion events in everyday life, particularly in liquids and gases? List a few examples of identified diffusion events.

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## Activity 2

After learning about matter and changes, how can you collaborate to draw particle models in solid, liquid, and gas using the available materials? Make sure the drawings reflect the particle structure in all three states of matter.



How can the concept of particle movement be used to explain a phenomenon in your environment?



Conclusion

