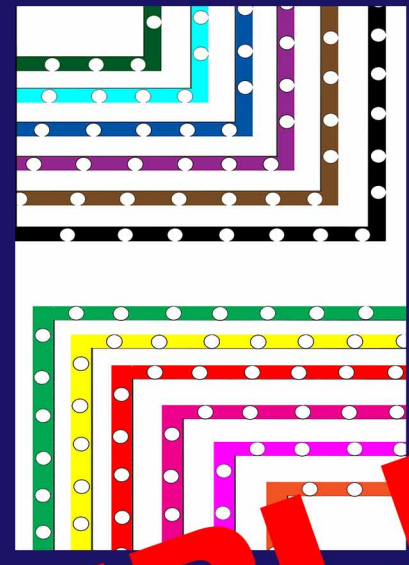
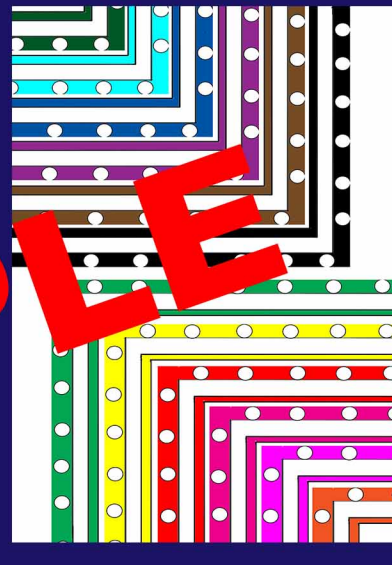
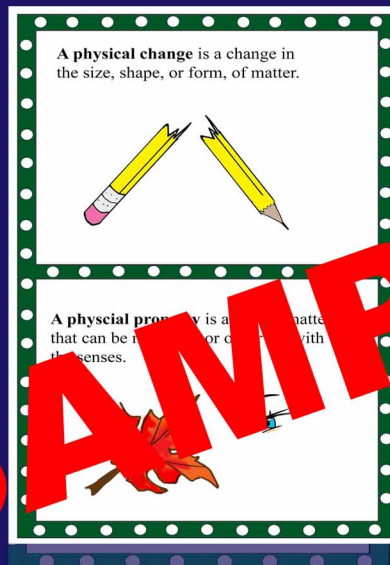
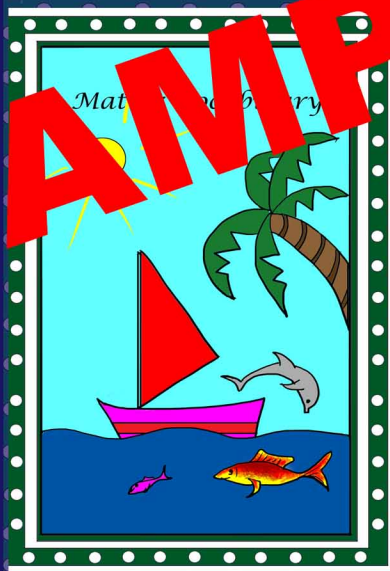


# Science Project

## States of Matter Vocabulary Booklet

Plus 12 Vocabulary Borders & 12 Cover Page Borders



Learning Matter Science  
through our Projects

Qiang Ma



©Qiang Ma

*Matter Vocabulary*

Name: \_\_\_\_\_

Room: \_\_\_\_\_

Grade: \_\_\_\_\_

School: \_\_\_\_\_

*Matter Vocabulary*

Name: \_\_\_\_\_

Room: \_\_\_\_\_

Grade: \_\_\_\_\_

School: \_\_\_\_\_



Name: \_\_\_\_\_

Room: \_\_\_\_\_


Grade: \_\_\_\_\_

School: \_\_\_\_\_


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**Matter** is what all things are made of. It has mass and takes up space.




**Liquid matter** flows and takes the shape of its container.



**Solid matter** has its own size and shape.



**Gas matter** spreads out to fill all the space it is in.



**Matter** is what all things are made of. It has mass and takes up space.



**Liquid matter** flows and takes the shape of its container.




**Solid matter** has its own size and shape.



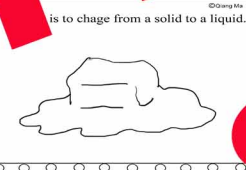
**Gas matter** spreads out to fill all the space it is in.




**Evaporation** is the process a liquid changes directly to a gas without first becoming a solid.




**To melt** is to change from a solid to a liquid.




**Heat** is a kind of energy that makes things warm.




**To freeze** is to change from a liquid to a solid.



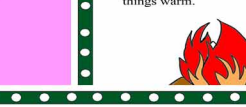
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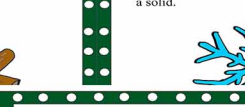
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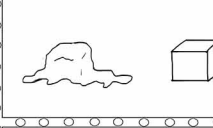
**To freeze** is to change from a liquid to a solid.




**To Evaporate** is to change from a liquid to a gas.




**Reversible change** is a change that can be undone.




**To Dissolve** is to mix completely.




**Properties** refer to the color, shape, size, and texture of things.




**To Evaporate** is to change from a liquid to a gas.




**Reversible change** is a change that can be undone.



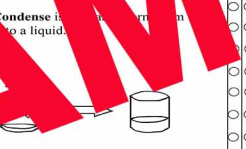
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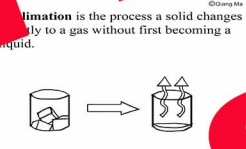
**Properties** refer to the color, shape, size, and texture of things.



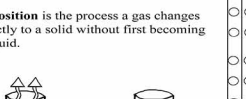
**Condensation** is the process a gas changes directly to a liquid without first becoming a solid.



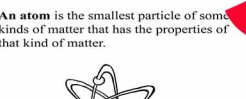
**Sublimation** is the process a solid changes directly to a gas without first becoming a liquid.




**Deposition** is the process a gas changes directly to a solid without first becoming a liquid.



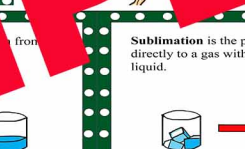
**An atom** is the smallest particle of some kinds of matter that has the properties of that kind of matter.



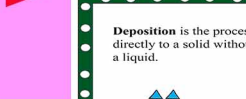
**Condensation** is the process a gas changes directly to a liquid without first becoming a solid.




**Sublimation** is the process a solid changes directly to a gas without first becoming a liquid.



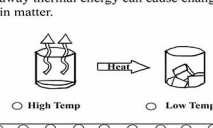
**Deposition** is the process a gas changes directly to a solid without first becoming a liquid.



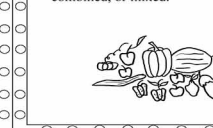
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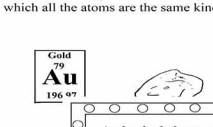
**Thermal energy** is the energy of moving particles in all matter. Adding or taking away thermal energy can cause changes in matter.



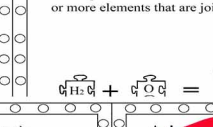
**A Mixture** is matter made up of two or more substances that are physically combined, or mixed.



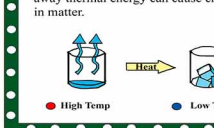
**An element** is a pure form of matter in which all the atoms are the same kind.




**A compound** is a substance made of two or more elements that are joined together.



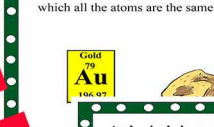
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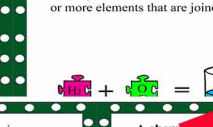
**A Mixture** is matter made up of two or more substances that are physically combined, or mixed.




**An element** is a pure form of matter in which all the atoms are the same kind.




**A compound** is a substance made of two or more elements that are joined together.




**A physical change** is a change in the size, shape, or form, of matter.



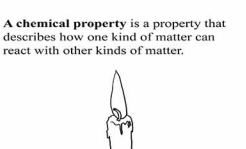
**A chemical change** is a change in which new substances are formed.



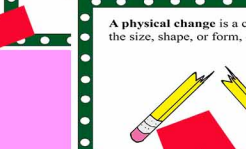
**A physical property** is a property that describes how one kind of matter can react with other kinds of matter.




**A chemical property** is a property that describes how one kind of matter can react with other kinds of matter.




**A physical change** is a change in the size, shape, or form, of matter.



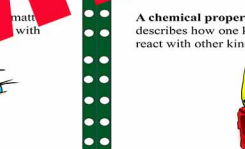
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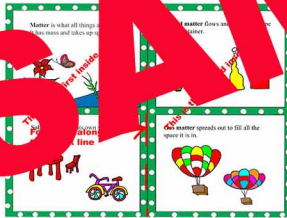
## Making the Booklet

### Step by Step Instructions

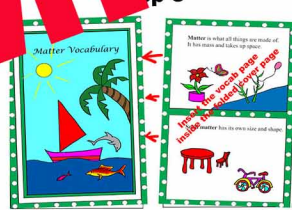
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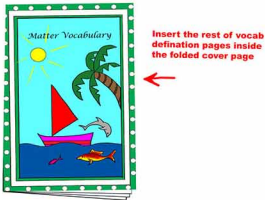
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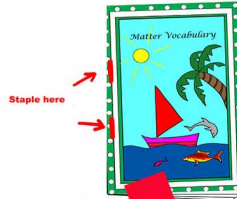
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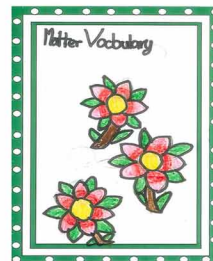
#### Step 4



#### Step 5



## Sample Student Cover Pages



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