

Changing materials

Material matters are:

Solid

Liquid

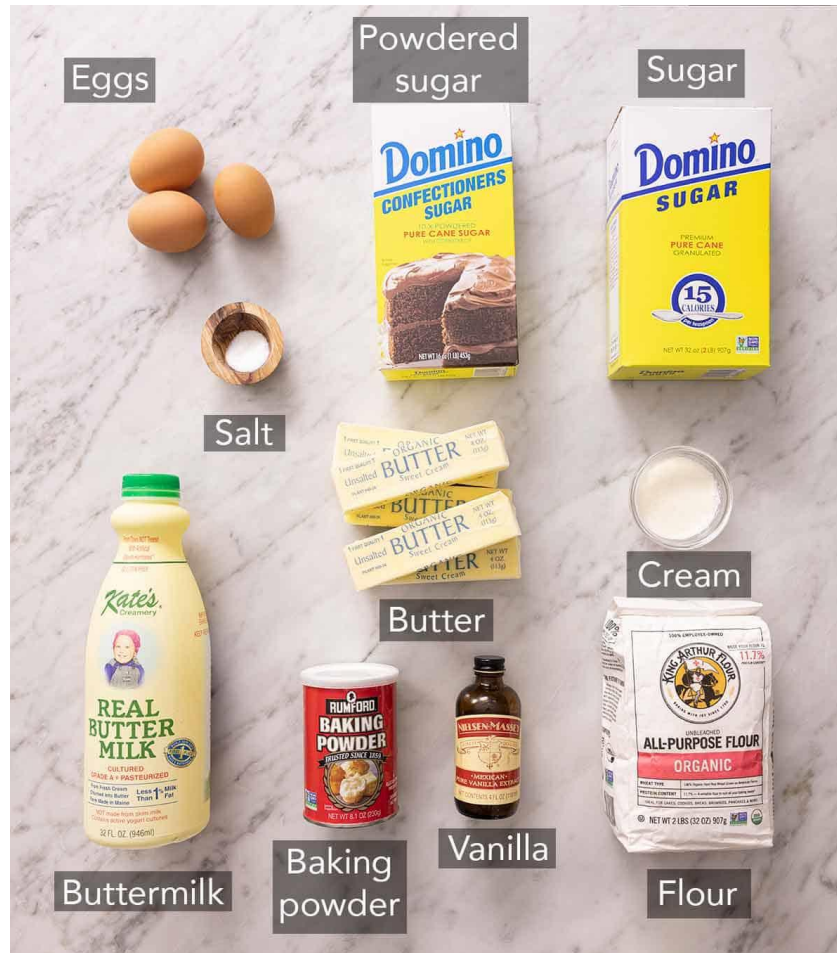
Gas



The ice cube can be changed from
solid to liquid.



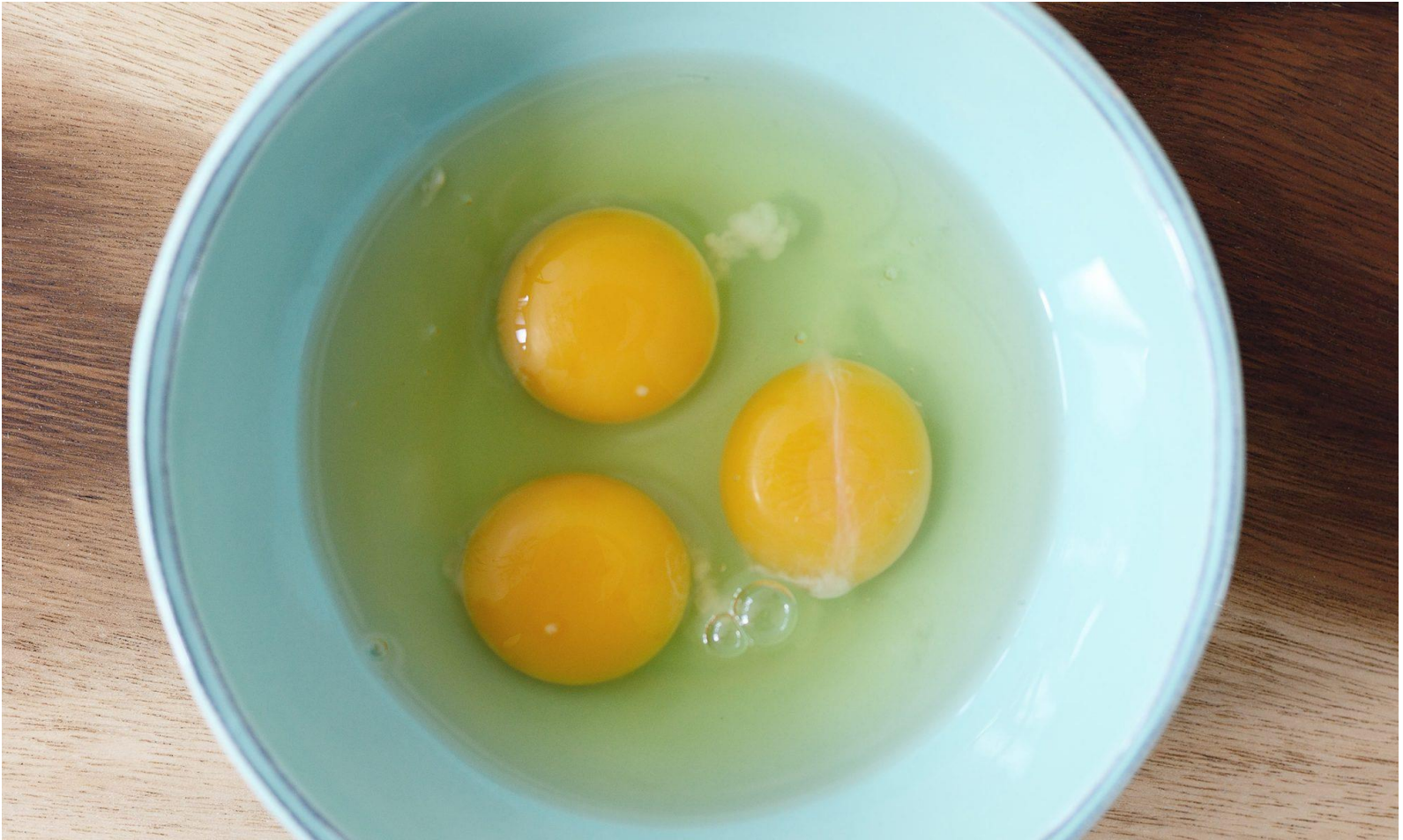
When I make a cake. I need many solid and liquid materials.



**Flour, sugar, butter and chocolate are
solid materials.**



Broken eggs are **liquid**



So I need to **change materials** in order to make a cake.



Making a cake needs a **mixture** of different materials.



Then I need to make the chocolate
melt by making it **hot**.



The **solid** chocolate changes into
liquid chocolate.



After that I need to **mix** the liquid chocolate and the flour to the **mixture**.



Finally, I **heat** the **mixture** in the **oven**.
The **heat** makes the **liquid** mixture
change into **solid** material.



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Which material changed from solid to liquid when it was heated?

Chocolate.

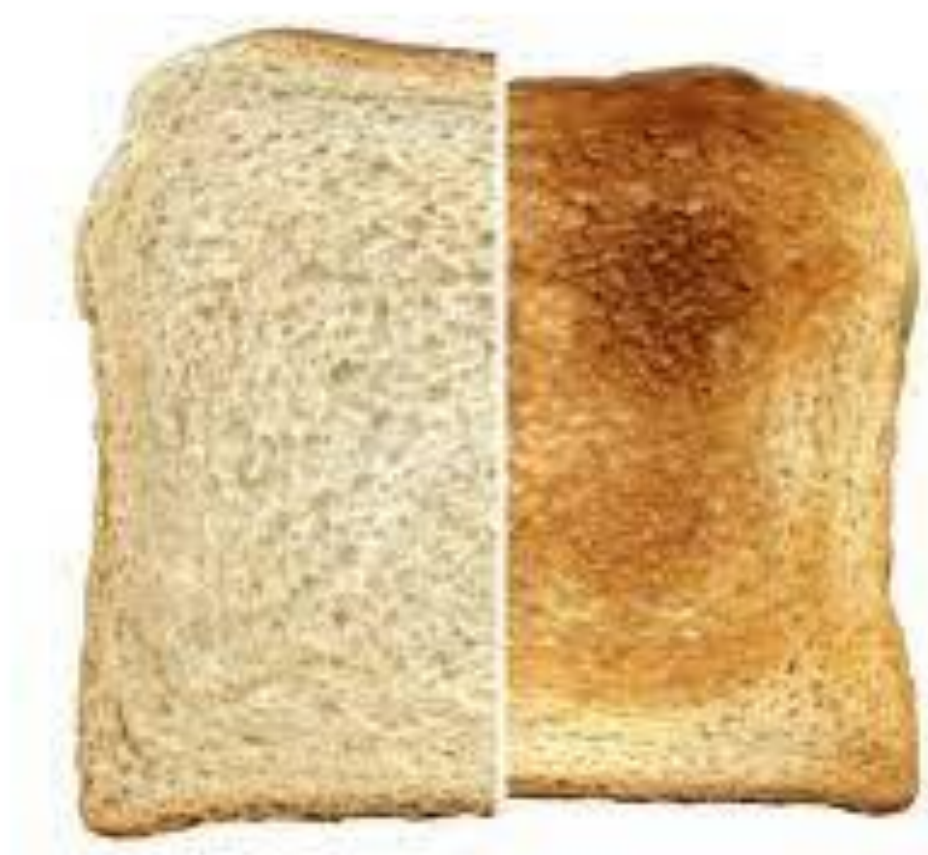
Which material changed from a liquid to a solid when it was heated?

Egg.

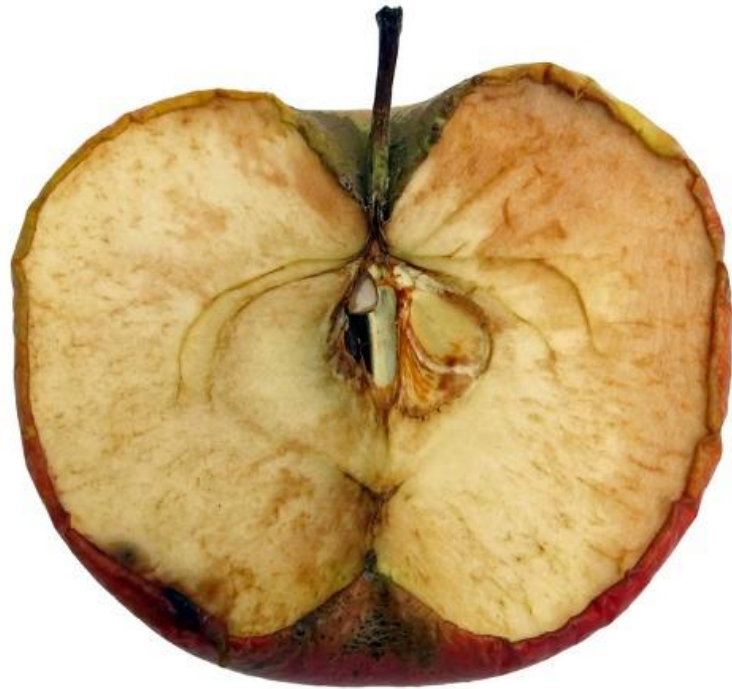
The **bread** after it has been **toasted** changed into a new material.



The new material has **a different color**
and it's **harder than the bread.**



When I peel an apple or a banana it starts to turn **brown**.



Air makes the material of the apple
change into a new material.

