Changes from Heating

Draw and write about what each substance looked like before and after it was heated.

Think about what happens to the following items when they are heated. Is it a reversible or irreversible change?

1	Before It Was Heated	After It Was Heated		Reversible or Irreversible Change (Circle correct option)	
		The egg became		Reversible or Irreversible	
		The bread		Reversible or Irreversible	
		The corn kernels became		Reversible or Irreversible	
		The ice cube became		Reversible or Irreversible	
		The solid butter became a		Reversible or Irreversible	
R		The piece of potato became a		Reversible or Irreversible	
burned	melted	chip	liquid	water	toast
		Before It Was Heated Image: Second	The became The became The became The corn became The corn became The corn became The ice became The solic became a The piece became a	The egg became The bread became The bread became The corn kernels became The ice cube became The ice cube became The solid butter became a The piece of potato became a	Before It Was Heated After It Was Heated (Circle correction (Circle correction)) Image: Second Correction (Circle correction) The egg became

Changes from Heating

Consider what each substance would look like before and after it was heated. Is it a reversible or irreversible change?

Item	Before It Was Heated	After It Was Heated	Reversible or Irreversible Change?
• white Egg • yolk			
Bread			
Corn kernels			
Ice cube			
Butter			
Potato piece		www.regentstudies.com	

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Changes from Heating Answers

Reversible Changes	Irreversible Changes	
	• Heating an egg	
• Ice melting is a reversible change because it	• Heating bread	
can be turned to ice again by freezing.	• Corn kernels becoming popcorn	
	• A potato piece becoming a chip	

N.B. If butter is melted to become a liquid, it is a reversible change because it can become solid again by freezing. However, if the butter is continually heated until it burns, a chemical change happens which means it is an irreversible change.