Information Cards | cards 1-4 of 18

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	1 Collecting Carbon Information Card	2 Collecting Carbon Information Card	
	Unit E.7.b. The Life and Times of Carbon	Unit E.7.b. The Life and Times of Carbon	
	Printed on post-consumer recycled paper	Printed on post-consumer recycled paper	
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	3 Collecting Carbon Information Card	4 Collecting Carbon Information Card	
	UNIT E.7.D. The Life and Times of Carbon	The Life and Times of Carbon	
	Printed on post-consumer recycled paper	Printed on post-consumer recycled paper	
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 H_2CO_3



CD: C₁₆H₁₄O₃ (repeating chains composed of carbon, hydrogen, and oxygen). These chains are called "polymers."

Information Cards | cards 5-8 of 18

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	5 Collecting Carbon Information Card	6 Collecting Carbon Information Card	
	Unit E.7.b. The Life and Times of Carbon	Unit E.7.b. The Life and Times of Carbon	
	Printed on post-consumer recycled paper	Printed on post-consumer recycled paper	
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	7 Collecting Carbon Information Card	8 Collecting Carbon Information Card	
	Unit E.7.b. The Life and Times of Carbon	Unit E.7.b. The Life and Times of Carbon	
	Printed on post-consumer recycled paper	Printed on post-consumer recycled paper	
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Charcoal: C 85–98% carbon



Corn: C₆H₁₂O₆ (carbohydrate)



Cotton: $C_6H_{10}O_5$ Cotton is a form of carbohydrate that is nearly 100% cellulose fiber.



Gasoline: C₈H₁₈ (hydrocarbon)

Information Cards | cards 9–12 of 18

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	9 Collecting Carbon Information Card	10 Collecting Carbon Information Card	
	U-24 5 7 1		
	The Life and Times of Carbon	The Life and Times of Carbon	
	Printed on post-consumer recycled paper	Printed on post-consumer recycled paper	
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	11 Collecting Carbon Information Card	12 Collecting Carbon Information Card	
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1			1
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1			1
	Unit E.7.b. The Life and Times of Carbon	Unit E.7.b. The Life and Times of Carbon	
	Printed on post-consumer recycled paper	Printed on post-consumer recycled paper	
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Glass: SiO₂ (silicon dioxide) **Water:** H₂O



Hot dog (protein): C₂H₄O₂NR (where R is any amino acid side chain)



Limestone (cement): CaCO₃ (Ca is "calcium")



Pencil lead (graphite): C (pure carbon)

Information Cards | cards 13–16 of 18

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	13 Collecting Carbon Information Card	14 Collecting Carbon Information Card	
	Unit E.7.b. The Life and Times of Carbon	Unit E.7.b. The Life and Times of Carbon	
	Printed on post-consumer recycled paper	Printed on post-consumer recycled paper	
*		· +	+_
	15 Collecting Carbon Information Card	16 Collecting Carbon Information Card	
	Unit E.7.b. The Life and Times of Carbon	Unit E.7.b. The Life and Times of Carbon	
	Printed on post-consumer recycled paper	Printed on post-consumer recycled paper	
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Plant material: (carbohydrate): C₆H₁₂O₆



Plastic: $CH_2 = CH_2$ The typical plastic water bottle is a simple hydrocarbon polymer.



Seashells: CaCO₃ (calcium carbonate)



Stainless steel: Fe₃C (one of many possible formulas) Stainless steel varies but, usually contains between 0.2–2.1% carbon.

Information Cards | cards 17–18 of 18

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	17 Collecting Carbon Information Card	18 Collecting Carbon Information Card	
	Unit E.7.b. The Life and Times of Carbon	Unit E.7.b. The Life and Times of Carbon	
	Printed on post-consumer recycled paper	Printed on post-consumer recycled paper	
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Carbon Item Labels

Information Cards | 1–8 of 18

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	19 Carbon Item Labels Information Card	20 Carbon Item Labels Information Card	
	Unit E.7.b. The Life and Times of Carbon Printed on post-consumer recycled paper	Unit E.7.b. The Life and Times of Carbon	
	21 Carbon Item Labels Information Card	22 Carbon Item Labels Information Card	
	Unit E.7.b. The Life and Times of Carbon	Unit E.7.b. The Life and Times of Carbon	
3≪ † 	23 Carbon Item Labels Information Card	Carbon Item Labels Information Card	
	Unit E.7.b. The Life and Times of Carbon Printed on post-consumer recycled paper	Unit E.7.b. The Life and Times of Carbon	
	25 Carbon Item Labels Information Card	26 Carbon Item Labels Information Card	
	Unit E.7.b. The Life and Times of Carbon	Unit E.7.b. The Life and Times of Carbon	



Carbon Item Labels

Information Cards | 9–16 of 18

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 	27 Carbon Item Labels Information Card	28 Carbon Item Labels Information Card	
	Unit E.7.b. The Life and Times of Carbon	Unit E.7.b. The Life and Times of Carbon	
	29 Carbon Item Labels Information Card	30 Carbon Item Labels Information Card	
	Unit E.7.b. The Life and Times of Carbon	Unit E.7.b. The Life and Times of Carbon	
	31 Carbon Item Labels Information Card	32 Carbon Item Labels Information Card	+ -
	Unit E.7.b. The Life and Times of Carbon Printed on post-consumer recycled paper	Unit E.7.b. The Life and Times of Carbon	
	33 Carbon Item Labels Information Card	34 Carbon Item Labels Information Card	
	Unit E.7.b. The Life and Times of Carbon Printed on post-consumer recycled paper	Unit E.7.b. The Life and Times of Carbon	 + -



Carbon Item Labels

Information Cards | 17–18 of 18

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	35 Carbon Item Labels Information Card	36 Carbon Item Labels Information Card	
	Unit E.7.b. The Life and Times of Carbon	Unit E.7.b. The Life and Times of Carbon	
	Printed on post-consumer recycled paper	Printed on post-consumer recycled paper	
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