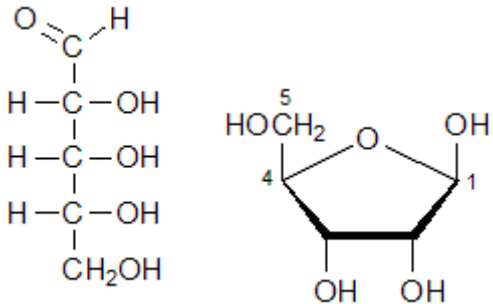
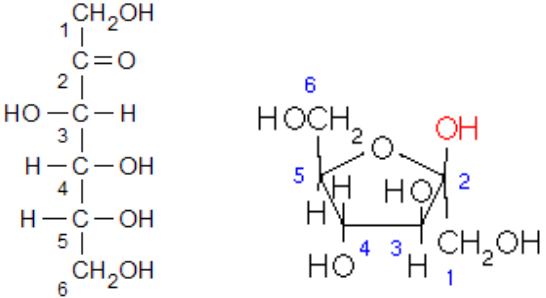
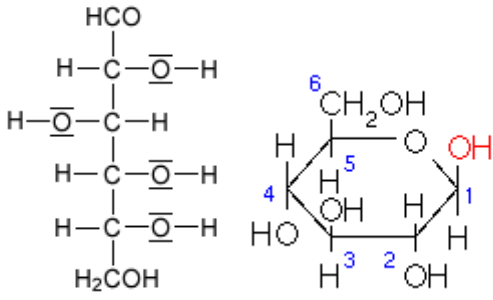
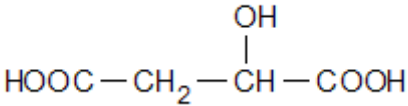
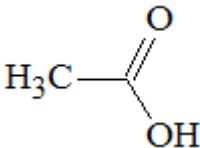
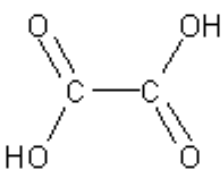
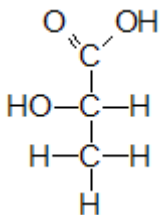
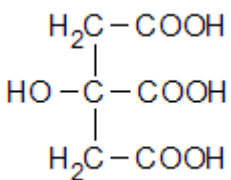
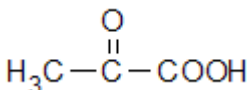


<p style="text-align: center;">Ribose</p>	 <p>The image shows two representations of Ribose. On the left is the Fischer projection, a vertical chain of five carbon atoms. The top carbon (C1) is an aldehyde group (O=C-H). The second, third, and fourth carbons each have a hydroxyl group (-OH) on the right side. The bottom carbon (C5) is a primary alcohol group (-CH₂OH). On the right is the Haworth projection, a five-membered ring with an oxygen atom at the top. The carbons are numbered 1 to 5 clockwise from the oxygen. C1 has an -OH group pointing up, C2 has an -OH group pointing down, C3 has an -OH group pointing down, C4 has an -OH group pointing up, and C5 is a -CH₂OH group pointing up.</p>
<p style="text-align: center;">Fructose</p>	 <p>The image shows two representations of Fructose. On the left is the Fischer projection, a vertical chain of six carbon atoms. The top carbon (C2) is a ketone group (C=O). The second carbon (C3) has a hydroxyl group (-OH) on the left. The third, fourth, and fifth carbons each have a hydroxyl group (-OH) on the right. The bottom carbon (C6) is a primary alcohol group (-CH₂OH). On the right is the Haworth projection, a five-membered ring with an oxygen atom at the top. The carbons are numbered 1 to 6. C1 is a -CH₂OH group pointing up. C2 has an -OH group pointing up. C3 has an -OH group pointing down. C4 has an -OH group pointing down. C5 has an -OH group pointing up. C6 is a -CH₂OH group pointing up.</p>
<p style="text-align: center;">Glucose</p>	 <p>The image shows two representations of Glucose. On the left is the Fischer projection, a vertical chain of six carbon atoms. The top carbon (C1) is an aldehyde group (HCO). The second carbon (C2) has a hydroxyl group (-OH) on the right. The third carbon (C3) has a hydroxyl group (-OH) on the left. The fourth carbon (C4) has a hydroxyl group (-OH) on the right. The fifth carbon (C5) has a hydroxyl group (-OH) on the right. The bottom carbon (C6) is a primary alcohol group (-H₂COH). On the right is the Haworth projection, a six-membered ring with an oxygen atom at the top. The carbons are numbered 1 to 6. C1 has an -OH group pointing up. C2 has an -OH group pointing down. C3 has an -OH group pointing up. C4 has an -OH group pointing down. C5 has an -OH group pointing down. C6 is a -CH₂OH group pointing up.</p>
<p style="text-align: center;">Äpfelsäure 2-Hydroxybutandisäure</p>	 <p>The image shows the chemical structure of 2-Hydroxybutandisäure (Äpfelsäure) in its condensed form: HOOC-CH₂-CH(OH)-COOH.</p>
<p style="text-align: center;">Ameisensäure Methansäure</p>	<p style="text-align: center;">HCOOH</p>

<p>Essigsäure Ethansäure</p>	
<p>Oxalsäure Ethandisäure</p>	
<p>Milchsäure 2-Hydroxypropansäure</p>	
<p>Zitronensäure 2-Hydroxy-1,2,3-propantricarbonsäure</p>	
<p>Brenztraubensäure 2-Oxopropansäure</p>	

Wachse	Ester von einfachen Alkoholen mit Fettsäuren
Fette	Ester von dreiwertigen Alkoholen mit gesättigten Fettsäuren
Öle	Ester von dreiwertigen Alkoholen mit ungesättigten Fettsäuren
Steroide	Gallensäure, Progesteron, Aldosteron, Cortisol, Testosteron, Östradiol Aromatischer Grundkörper aus 4 Ringen
Asparaginsäure	$\text{HOOC}-\text{CH}_2-\underset{\text{NH}_2}{\text{CH}}-\text{COOH}$
Alanin Aminopropansäure	$\text{H}_3\text{C}-\underset{\text{NH}_2}{\text{CH}}-\text{COOH}$ <p style="text-align: center;">α</p>
Glycin	$\text{H}_2\text{N}-\text{CH}_2-\text{COOH}$

<p style="text-align: center;">Serin 2-Amino-3-hydroxypropionsäure</p>	$\text{HO}-\text{CH}_2-\overset{\text{NH}_2}{\underset{ }{\text{C}}}-\text{COOH}$
<p style="text-align: center;">Seife</p>	<p style="text-align: center;">Natriumstearat ($\text{H}_{35}\text{C}_{17}-\text{COONa}$)</p>
<p style="text-align: center;">Ester</p>	$\text{H}_3\text{C}-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-\text{R}$
<p style="text-align: center;">Primäres Amin</p>	$\text{H}_5\text{C}_2-\text{NH}_2$
<p style="text-align: center;">Fettsäure (Ölsäure)</p>	$\text{H}_3\text{C}-(\text{CH}_2)_7-\overset{\text{H}}{\underset{\text{H}}{\text{C}=\text{C}}}-(\text{CH}_2)_7-\text{COOH}$
<p style="text-align: center;">Sekundäres Amin</p>	$\text{H}_5\text{C}_2-\overset{\text{NH}}{\underset{\text{H}_5\text{C}_2}{\text{N}}}$
<p style="text-align: center;">Tertiäres Amin</p>	$\text{H}_5\text{C}_2-\overset{\text{H}_5\text{C}_2}{\underset{\text{H}_5\text{C}_2}{\text{N}}}-\text{C}_2\text{H}_5$

