



# SCHEME OF WORK



<http://agb.gymnaslo.cz>

<b>Subject:</b>	<b>Chemistry</b>
<b>Year:</b>	<b>3.X</b>

## List of topics

#	Topics	Time period
1.	Organic acids and their derivatives	09 - 10
2.	Chemistry of natural substances	10 - 01
3.	Metabolism and regulation of metabolism	02 - 04
4.	Chemistry around us	04 - 06



INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

## Topic 1.: Organic acids and their derivatives

<b>Outputs:</b> student will be able to toclassification, nomenclature, applications and using of organic acides and their derivatives
<b>Sources:</b> <a href="http://agb.gymnaslo.cz">http://agb.gymnaslo.cz</a>
<b>Teaching methods:</b> powerpoint presentation active learning working papers computer based learning blended learning
<b>Grading:</b> achievement test
<b>Notes:</b>

## Topic 2.: Chemistry of natural substances

<b>Outputs:</b> classification of natural substances (proteins, carbohydrates, lipids, nucleic acids, hormones, vitamins) and their chemistry, structure and significance, nutrition
<b>Sources:</b> <a href="http://agb.gymnaslo.cz">http://agb.gymnaslo.cz</a>
<b>Teaching methods:</b> powerpoint presentations active learning collaborative learning laboratory work
<b>Grading:</b> achievement test
<b>Notes:</b>



## Topic 3.: Metabolism and regulation of metabolism

<b>Outputs:</b> classification of metabolism, its significance for living creations regulation of metabolism nutrition
<b>Sources:</b> <a href="http://agb.gymnaslo.cz">http://agb.gymnaslo.cz</a>
<b>Teaching methods:</b> powerpoint presentations active learning collaborative learning multimedia presentations working papers
<b>Grading:</b> achievement test student's presentations
<b>Notes:</b>

## Topic 4.: Chemistry around us

<b>Outputs:</b> highlights in chemistry, research into chemistry, biochemistry and medicine, pharmacy, history of chemistry, chemistry and environment
<b>Sources:</b> <a href="http://agb.gymnaslo.cz">http://agb.gymnaslo.cz</a>
<b>Teaching methods:</b> powerpoint presentations active learning collaborative learning multimedia presentations movie blended learning
<b>Grading:</b>



achievement test  
student's presentations

Notes:



INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ