

Austria (High School) Curriculum Standards (N-P)

The presentations offered by The Educated Choices Program provide support for teaching and learning of the following standards:

Physics, grades 9-2	12	Environment and Modern Agriculture	Healthful Eating
Grades 9-12	 Language and communication Acquire a basic vocabulary of physical terms; Be able to differentiate and translate between everyday language and technical language; Gain insight into the necessity and effectiveness of symbolic descriptions; Be able to describe, record, argue and present physical facts; Be able to critically evaluate presentations of natural sciences in media (newspapers, films, internet, etc.). People & Society Understand physics as a basic science (knowledge of the world) and as an applied science (shaping the world); Taking responsibility for the sustainable use of resources; Observe ethical standards in the socially relevant implementation of physical knowledge; Develop rational ability to criticize social problems (e.g. climate change, energy, mobility). 		





	 presenting, explaining and communicating processes and phenomena in nature, everyday life and technology in various forms (images, graphics, tables, diagrams, formal relationships, models,), applying expertise in different contexts. E: Experimentation and gaining knowledge In this area, students acquire skills and abilities in dealing with physical working methods. Students demonstrate competence by formulating scientific questions and hypotheses about processes and phenomena in nature, everyday life and technology, analyzing data by means of simulations or experiments (order, compare, determine dependencies, assess reliability), mapping and interpreting data through mathematical and physical models. S: Justify points of view and evaluate them from a scientific point of view In this area, students acquire the ability to argue scientifically and to participate in social discourse. Students demonstrate competence by recognizing the importance, opportunities and risks of applying scientific knowledge at a personal, regional and global level in order to be able to act responsibly, distinguishing scientific from non-scientific arguments and questions, reflecting on information from different reliable sources from a scientific point of view and from other perspectives (e.g. economic, ecological, ethical), 		
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 Structure and stability of the nuclei, natural radioactivity, ionizing radiation, medical and technical applications, nuclear energy Current Research: Insights into current physical research 		
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Psychology &	Philosophy, grades 9-12	Environment and Modern Agriculture	Healthful Eating
Grades 9-12	 The lessons in psychology and philosophy should enable a well-founded examination of the basic questions of life and offer orientation aids. In psychology lessons, the students should gain insight into the experience and behavior of people and receive impulses for self-reflection and a better understanding of their fellow human beings. The students should get to know therapeutic aids and facilities, but it is not the task of psychology classes to provide therapeutic aids. The philosophy class is intended to give the students an insight into the main currents of Western philosophy in exemplary form. The confrontation with reality and its knowledge, the question of truth, values, the question of meaning and the legitimacy of social orders should encourage the students to get involved in philosophizing as a process. The students are accompanied and encouraged in their development into independent people who are capable of dialogue and conflict, recognize the need for cooperation, social sensitivity and responsibility as a basis for democracy, 		



 acquire knowledge and skills that help break down stereotypes and promote equal opportunities and gender equality gain insights into the possibilities and limits of thinking and acting through argumentative discussion of past and present explanatory models, learn to select relevant information from the variety of content, are instructed in scientific work and encouraged to reflect on the diverse scientific and pseudo-scientific theories and speculations. 	
Acquired competences in psychology and philosophy are of lasting	
importance in the sense of a holistic education also outside the school context.	
Language and communication	
All areas of psychology and philosophy contribute to promoting linguistic and	
communicative processes:	
 Naming personal and social processes; 	
 Express emotions and motivations in a differentiated way; 	
 Practice forms of conversation, deepen conversational skills and give constructive feedback; 	
 Grasp and understand the meaning of non-verbal communication; Apply conceptual accuracy and develop argumentative justifications; Recognize the limits of what can be said and described; 	
 Encourage understanding reading through text work and compare texts from past epochs with current ideas. 	
People & Society	
The skills acquired in psychology and philosophy lead the students to reflect	
 on knowledge of themselves and their fellow human beings; They promote understanding of the social forms of living together and their change. 	





 Competence orientation means linking knowledge acquisition and application of knowledge. It expands the time perspective and emphasizes the long-term goal of increasing knowledge and skills, moving away from small-step learning goals towards more sustainability. This results in the following methodological consequences. 	
Exemplary learning	
 Competencies are primarily acquired through exemplary content. Since the acquisition of skills requires an active and intensive examination of materials and subject areas, the didactic principle of "learning by example" is of crucial importance. This means, firstly, teaching with examples, and secondly, the conscious restriction to facts that have an exemplary character and can be considered the "foundations of PUP teaching". The fundamentals of PUP instruction are listed under Competencies and Content. Orientation towards the example also takes into account the different depths of processing or levels of competence: Reproduce basic knowledge Link and transfer knowledge Reflect on what has been learned and use knowledge creatively 	
Competence orientation as a middle between instruction and action orientation	
 When organizing the learning processes, a balance should be sought between instruction and action orientation. Basically, students are to be strengthened in their independence and personal responsibility through open, self-organized forms of learning, 	



 especially in distance learning, involving various media and information technologies. Suitable implementation options are, for example, independent structuring of work phases, research involving e-learning (e.g. Internet research, learning platforms). This helps to strengthen skills such as teamwork and presentation skills. Furthermore, the comprehensive communication skills of the students through discussions, by practicing logically correct reasoning (e.g. by writing philosophical essays) and by training active listening. The students are to be encouraged to read original texts independently. The writing of excerpts and minutes is suitable for consolidating learning processes. 	
Experience orientation	
 Depending on the possibility, a connection to the living environment should be established by inviting experts or by visiting extracurricular institutions. When working on the topics, care must be taken to ensure that the presentation is age-appropriate and relevant to the life situation of the students. This is based on personal experience and previous knowledge from other subjects. The contribution of Austrian researchers to psychology and philosophy should be included in the lessons. In general, attention should be paid to a balanced relationship between the competence levels of reproduction, transfer and reflection in the individual subject areas. 	



Emphasis on networking

A sustainable acquisition of skills is reflected in the networking of content. PUP promotes networking skills in three ways:

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 Psychology and philosophy: Here there are many possibilities, e.g link perception with epistemological questions etc. 	. to
 Cross-curricular (interdisciplinary): The subject is interdisciplinary 	due
to the diverse content and methods.	
 Interdisciplinary: The PUP lessons offer a special way of combinin 	-
action, experience and theoretical analysis (e.g. addressing the im	-
of man, addressing self-esteem, identity, the influence of role mo and gender norms, learning reflection, dealing with conflicts). Thi	
results in a network of real-world experience and theoretical	5
justification.	
Educational and teaching task, subject matter:	
Cross-semester competencies	
 The PUP lessons can make a decisive contribution to supporting t personality development of the students, referring to their individ abilities, encouraging them in their lifelong learning (personal 	
competence), imparting knowledge and skills (professional	
competence) as well as the self-reliance of the students promote (social skills).	

- Cross-semester competencies for psychology and philosophy are:
 - \circ $\;$ understand terms and use them in a differentiated way



 compare knowledge from different subject areas analyze and interpret texts, graphics and diagrams in a subject-specific manner formulate appropriate questions recognize and assess their own strengths and weaknesses recognize dealing with content from psychology and philosophy as a personal orientation aid 	
1st semester - competence module 1	
 Aspects of scientific psychology Describe central terms (psychology, experiment, objectivity). Discuss differences between everyday psychology and scientific psychology Present and reflect on methods of psychology Establishing relationships between psychological knowledge and life practice Phenomena of perception and perceptual processes Describe perception as an active and purposeful process Recognize errors in perception and become aware of them Record and analyze selective processes of perception Discuss perceptual influences Cognitive processes and learning Reproducing models for memory and learning with theoretical knowledge Explain current findings on thinking 	
 Social Phenomena and Communication Describe and reflect on social phenomena Recognize and analyze forms of aggression and violence 	



 Present and differentiate communication processes Development and upbringing issues Reflect phenomena of psychological development Recognizing and reflecting on the importance of various influences on development 	
6th semester – competence module 2	
 Aspects of personality Describe human experience and behavior from the perspective of personality psychology Understand the meaning of emotions Discuss mental health and its impairments Anthropological designs Distinguish and interpret anthropological concepts Draw on knowledge from various specialist areas for a reflective discussion Foundations of philosophy Describe the characteristics of philosophy and basic philosophical concepts Assess philosophical questions Describe and apply methods of philosophizing 	
7th semester – competence module 3	
 Aspects of epistemology and philosophy of science Analyzing and reflecting on approaches to reality and its possible interpretations Work on epistemological and epistemological issues Fundamental questions of ethics Explain basic ethical positions and question them critically 	



 Working out differences in ethical of Develop and justify values in private 	
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