

PROJECT TITTLE:	Robot	DURATION: 2 lessons
SUBJECT:	ICT	AGE: 15-17
TEACHERS:	Mr. Michal Mertl	PREREQUISITES
OTHER SUBJECTS:	english	
ECONOMY AREA KNOWLEDGE (including explanation)	Robot construction	
PROJECT DETAILS:		
SHORT DESCRIPTION OF THE PROJECT	build a robot and program it for a given motion algorithm, come up with its own design  present it in front of the students	
MOTIVATION	work in team	
Theoretical background (for teachers)	work according to the technical instructions	
The size of the student groups	5 groups of 4 students	
Activities	1. discussion of the problem 2. reading the instructions 3. building a robot 4. present the robot in front of the students	
Place of project realization	classroom or the laboratory	
Significant points		
Products as a result of the project	The robot	
ACTIVITY ASSESSMENT AND REFLECTION:		
Formative assessment (during project implementation)	Technical instructions, technical help, activity list	Teacher answers the students question, help them solve the problem
Summative assessment (at the end of the project)	Oral presentation,	Students make a presentation of their robot

	Project picture	
Grading-EVALUATION	Formal assessment	
Applicability of self assessment	<ul style="list-style-type: none"><li>• YES</li></ul>	Students learn work in team and are able to listen the others members
Support for project implementation	Robot kit rental – cooperation with the House of robotics	
Recommended material	Robot kit	
Equipment and tools	Common tools	
Financial expenses	<ul style="list-style-type: none"><li>•NO</li></ul>	
Security alerts	Common rules	
Literature and references	Kit instructions	
Other notes		













