

WP2: Qualification matrix

EQF2-G | Gardener

Descriptors on level 2:

K: Basic factual knowledge of a field of work or study

S: Basic cognitive and practical skills required to use relevant information in order to carry out tasks and to solve routine problems using simple rules and tools

R/A: Work or study under supervision with some autonomy

Unit	Unit title	
0	Key competences and basic skills	R
0.A	Adaptability <i>is about intrapreneurship, innovation, communication, analysing, critical thinking, cooperation etc.</i> - can investigate, learn, explore and innovate - thinks and analyses critically and solves issues - knows the value of other ideas, concerns and motives	EQF2-L EQF2-F
0.C	Creativity <i>is about problem solving, idea development, innovation etc.</i> - has an open and curious mindset in order to develop new ideas - puts new ideas into action to solve issues/problems	EQF2-L EQF2-F
0.S	Sustainability <i>is about pollution, waste, water, energy</i> - knows the basics of ecological processes in natural systems - plans and carries out work tasks in an environmentally sustainable way - adjusts working processes within a set of guidelines, in order to maintain sustainability in a changing environment - assesses the environmental impact of a work process	EQF2-L EQF2-F
0.T	Technology <i>is about basic digital tools (ITC, mobile phone, photo)</i> - carries out work tasks using digital tools	EQF2-L EQF2-F

European Green Mastery (Erasmus+ KA2 Sector Skills Alliance - 601226-EPP-1-2018-1-NO-EPPKA2-SSA)

This project has been funded with support from the European Commission. This publication [communication] reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



	<ul style="list-style-type: none"> - knows relevant equipment and machinery - knows basic legislation concerning reproduction of digital resources for private and commercial purpose - understands the risks of web-based communication i.e. virus, malware - evaluates web pages for relevance and reliability of content - participates in evaluating the use of technology in a work task 				
1	Sector core competence	Knowledge	Skills	Responsibility and autonomy	R
1.1	Production (sector related) <i>is about workplace, tools, working procedures, botany (plant classification, botanical names, growing conditions)</i>	<ul style="list-style-type: none"> - knows basic production directions of various agricultural companies and products - knows basic growing mediums, production steps, ways of working (preparation, sowing, grafting, planting, care, harvest) - knows elementary sales tasks - knows a limited number of plants and plant materials 	<ul style="list-style-type: none"> - assists in a wide variety of routine production processes - prepares the workplace according to essential ergonomic and effective aspects - implements plans for routine working procedures 	<ul style="list-style-type: none"> - understands the meaning of independent further training - assists with activities under instruction and can act with limited autonomy - carries out various activities in production under instruction - adapts work processes to the task at hand and to the materials involved 	EQF2-L EQF2-F
1.2	Product development (sector related) <i>is about supply, partners/network, marketing, develop products (mapping needs, plan, work in a creative process, creative tools...)</i>	<ul style="list-style-type: none"> - knows about sources of supply and partners in the industry - knows primary marketing opportunities 	<ul style="list-style-type: none"> - cooperates with different partners in routine work - knows the importance of networking in the work process 	<ul style="list-style-type: none"> - reacts to managerial conclusions - carries out fundamental product development tasks with limited autonomy 	EQF2-L EQF2-F

<p>1.3</p>	<p>Communication and company (sector related) <i>is about start-up/entrepreneurship, marketing, law and regulations, communicate with customers verbal and visual, sales and services</i></p>	<ul style="list-style-type: none"> - knows about basic start-up requirements and regulations for companies - knows the importance of independent training - knows company-specific processes 	<ul style="list-style-type: none"> - interacts with work colleagues and customers in a productive way. 	<ul style="list-style-type: none"> - assists with coordinating and performing business tasks - acts with limited autonomy 	<p>EQF2-L EQF2-F</p>
<p>1.4</p>	<p>Health and Safety (sector related) <i>is about health precautions, safe working methods, cleanliness/hygiene, equipment, pesticides, poisonous and allergenic plants, working environment</i></p>	<ul style="list-style-type: none"> - knows general regulations for the prevention of workplace accidents - knows general regulations on environmental protection related to a limited part of the sector - knows the basic requirements for health and safety clothing in production and sales - knows health and safety regulations that are relevant for basic work processes 	<ul style="list-style-type: none"> - follows the regulations for the prevention of work risks and environmental protection under instruction - carries out routine work tasks and activities in accordance with health and safety regulations under instruction - uses correct working techniques and protective equipment under instruction - performs work in an ergonomically correct manner under instruction - uses fire protection and prevention equipment - provides basic first aid assistance 	<ul style="list-style-type: none"> - uses safe working methods under instruction - pays attention to cleanliness and hygiene - ensures safe use of tools with limited autonomy - adapts working methods to meet health and safety requirements 	<p>EQF2-L EQF2-F</p>

1.S	<p>Sustainability (sector related) <i>is about sustainable use of resources, ecological footprint, fair trade, protection of the environment and species, UNs Sustainable Development Goals Knowledge of your green supply chain Cradle to cradle, circular-economic</i></p>	<ul style="list-style-type: none"> - knows basic environmental protection and fair-trade regulations - knows the basic principles of ecological footprints - knows how living conditions of flora and fauna can be affected by business activities 	<ul style="list-style-type: none"> - acts in an environmentally relevant manner under instruction - chooses environmentally friendly materials and methods of manufacture and maintenance under instruction 	<ul style="list-style-type: none"> - assists with the implementation of environmentally relevant activities - helps improve sustainability indicators, under instruction 	
1.T	<p>Technology (sector related) <i>is about machinery, equipment, instruments, digital tools (for payment, communication, in the production), technological tools (VR, AR aso.)</i></p>	<ul style="list-style-type: none"> - knows preparatory work in various work areas and the associated machines / devices - knows basic digital tools and technologies relevant to the business 	<ul style="list-style-type: none"> - operates tools, machines and equipment and digital tools under instruction 	<ul style="list-style-type: none"> - carries out tasks in communication, calculation and collection of information with digital tools under instruction 	EQF2-G EQF3-F
2	Occupational core competence	Knowledge	Skills	Responsibility and autonomy	R
2.1	<p>Production in gardening <i>is about plant production in different growing systems and the use of plant life processes and growth conditions</i></p> <p><i>Plant identification and classification</i></p> <p><i>Storage, packaging, transport.</i></p>	<ul style="list-style-type: none"> - knows a range of plant species and varieties used in different horticultural fields: indoor decoration, landscaping and production of vegetables, fruit and berries - knows basic gardening terminology 	<ul style="list-style-type: none"> - carries out simple work tasks in plant production and gardening - carries out gardening activities, under instruction - operates machines and equipment relevant to gardening tasks, under instruction 		

		- knows the principal differences between organic and conventional horticulture and agriculture			
2.2	Gardening product development <i>is about developing products and concepts, work in a creative process in gardening, visualize/draw, use creative tools, tools and techniques in gardening, presentation, make model/prototype, calculate</i>	- knows the basic principles of developing and improving a product or a service	- carries out basic tasks in product development	- follows instructions connected to simple work tasks in product development	
2.3	Communication and company <i>is about retail, framework conditions in floristry, documentation, laws and regulations, norms of business, entrepreneurship, sales and services, economics and management</i> <i>- marketing (web, social medias...)</i>	- knows the basic legal and ethical framework of a gardening business.	- carries out basic tasks in sales and presentation of gardening products and services		