

Name of School:	School Code:
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Subject : Information Technology							
The Requirements of Basic Academic Attainments at Junior Education ⁽¹⁾		Teaching Content to be covered through the following teaching activities (State the name and content of the relevant modules / school-based curriculum / other learning activities)			If not covered, please state the reason(s) and provide possible solution(s)	Textbook	Remark(s):
Learning Domain	Concrete Content	F1	F2	F3			
A. Concept and cognition	A-1	Understand the meaning of information; know the types of information; be able to name the main characteristics of information and different ways of expression.					
	A-2	Know the history and trend of the development of information technology, and the impact of information technology on many aspects of human society.					
	A-3	Be able to enumerate some common communication tools and methods in daily life, and describe the basic composition of communication systems.					
	A-4	Understand the basic structure and functional principle of personal computer systems; be able to tell the function of the main hardware components of a personal computer system.					
	A-5	Be able to identify the common personal computer operating system; know the types and functions of the commonly used software and common operating methods.					
	A-6	Be able to identify different types of personal computers;					

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	understand their connection and differences.						
A-7	Master the ways of managing files for personal computers; be able to compare the differences between various saving formats for multimedia files.						
A-8	Know the application of network technology and the common ways of Internet access; learn the common skills of information retrieval on the Internet.						
A-9	Understand the role of various kinds of cloud applications in learning and daily life; know the key methods of using cloud applications to manage different kinds of information files online.						
A-10	Understand the sources, characteristics of and prevention methods against computer viruses; be able to enumerate the basic methods of information security protection.						
A-11	Know the diverse ways of learning supported by information technology, understand the impact of information technology on learning styles.						

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B. Application and creation	B-1	Students studying in schools with Chinese as the medium of instruction are able to use the common text input software and hardware devices to input Chinese in a skillful manner.					
	B-2	Be able to skillfully use the operating system to manage the personal computer, and properly connect commonly used external devices to transfer information files.					
	B-3	Be able to efficiently save, read, retrieve, backup and manage all kinds of information files on the personal computer.					
	B-4	Be able to use such hardware or software as digital equipment, the Internet to obtain the needed information.					
	B-5	Be able to use suitable software for text editing, use techniques to create, in a personalised manner, text documents combined with graphics.					
	B-6	Be able to use drawing software to edit images, and create image with rich imagination.					
	B-7	Be able to choose the appropriate software to					

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	create animation, audio and video as well as other multimedia works.						
	B-8 Be able to comprehensively use various types of information to creatively produce multimedia works.						
	B-9 Be able to skillfully operate a printer to print documents, charts, and reports, etc.						
	B-10 Be able to select the appropriate media to publish multimedia works.						
C. Communication and cooperation	C-1 Be able to showcase creations on information technology platforms, and to interact with and collect feedback from others.						
	C-2 Be able to flexibly use a variety of Internet communication tools and social networks to associate with others in a friendly manner.						
	C-3 Be able to use open information technology tools to share information, as well as share with others the diverse culture of Macao.						
	C-4 Be able to make good use of different information technology resources to carry out various ways of interdisciplinary learning such as learning						

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	independently or in collaboration with others.						
	C-5 Know the importance of teamwork; be able to use information technology to discuss together the problems around them and creatively design solutions.						
D. Morality and responsibility	D-1 Know the importance of privacy in information technology activities; be able to protect personal privacy and respect that of other people at the same time.						
	D-2 Be able to consciously protect intellectual property rights in information technology activities, and abide by related intellectual property laws and regulations.						
	D-3 Be able to learn how to verify the authenticity of information; reject improper information on the Internet; spread authentic information and excellent culture.						
	D-4 Know the laws and regulations related to information; develop the life and learning habits of using information technology in a healthy and civilised manner.						

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	D-5 Be able to actively participate in new experience of information technology; while integrating into the information society, be able to critically review and use information technology.						
	D-6 Understand the impact of information technology development on society and daily life in Macao; take on the responsibilities and obligations of citizens through information technology.						

Note: (1) Dispatch of Secretary of Social and Cultural Affairs No. 56/2017 (Annex XI)	Data : (D) / (M) / (Y)
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